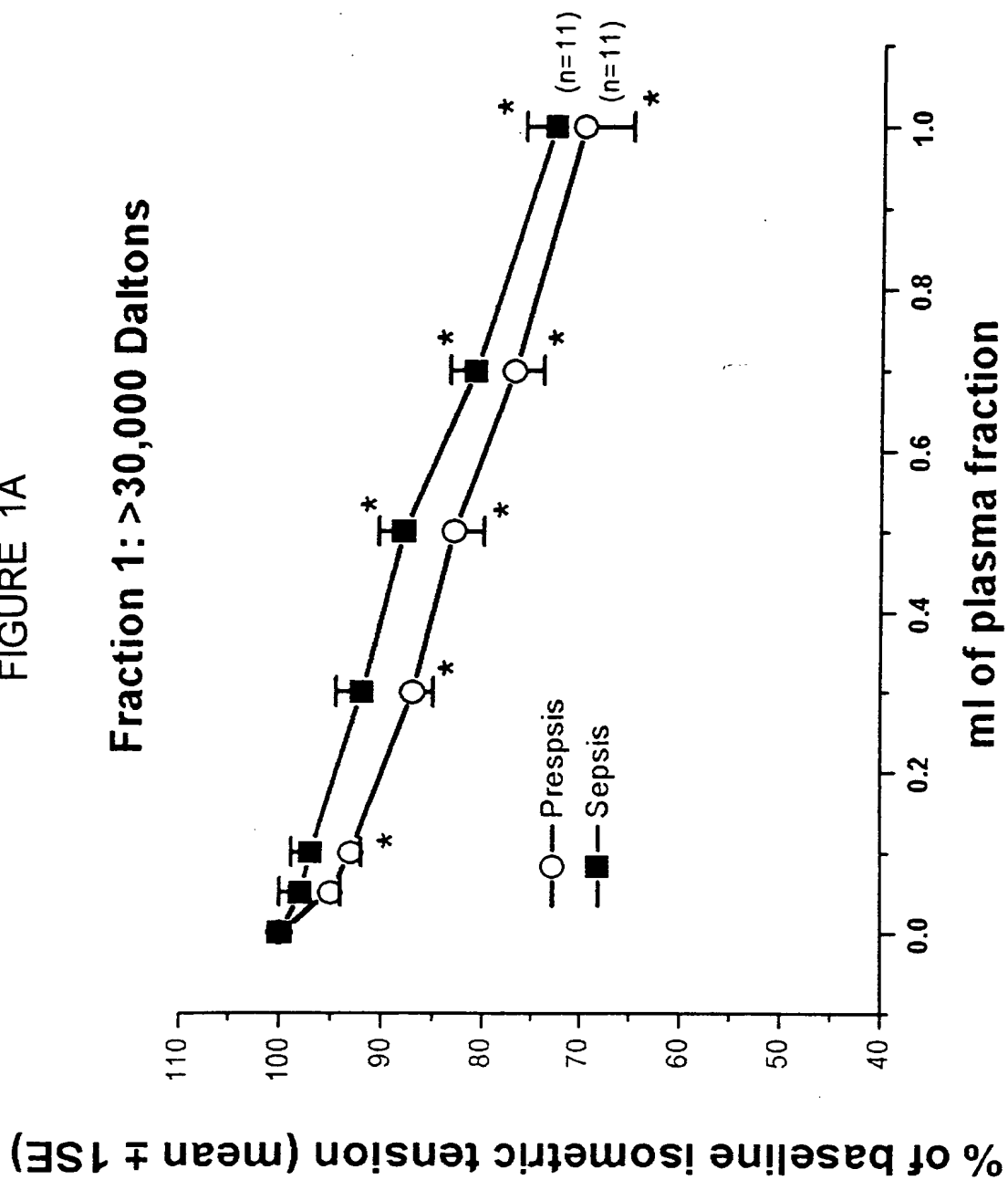
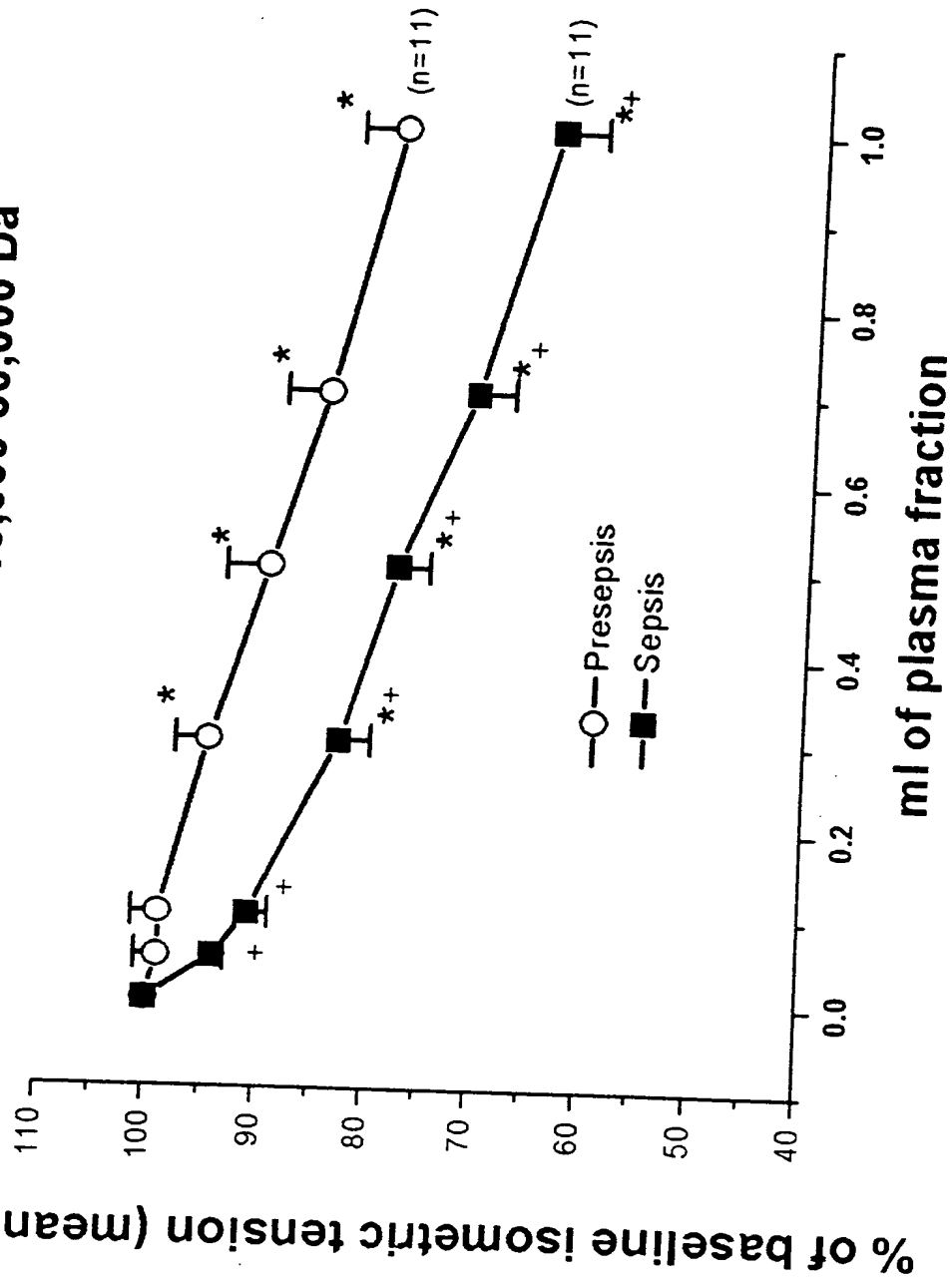


FIGURE 1A

Fraction 1: >30,000 Daltons



**FIGURE 1B**  
**Fraction 2: 10,000-30,000 Da**



% of baseline isometric tension (mean  $\pm$  1SE)

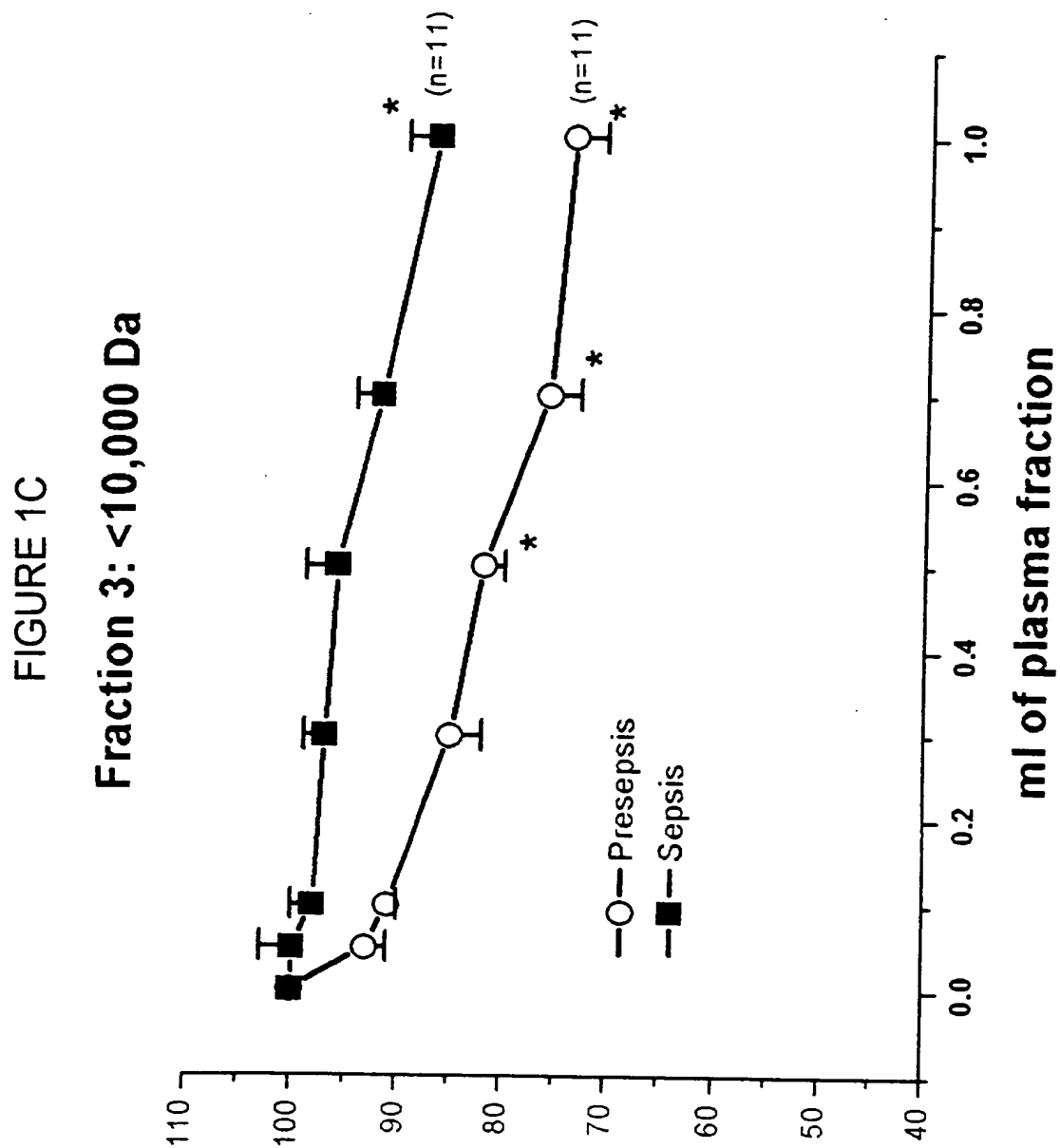


FIGURE 2

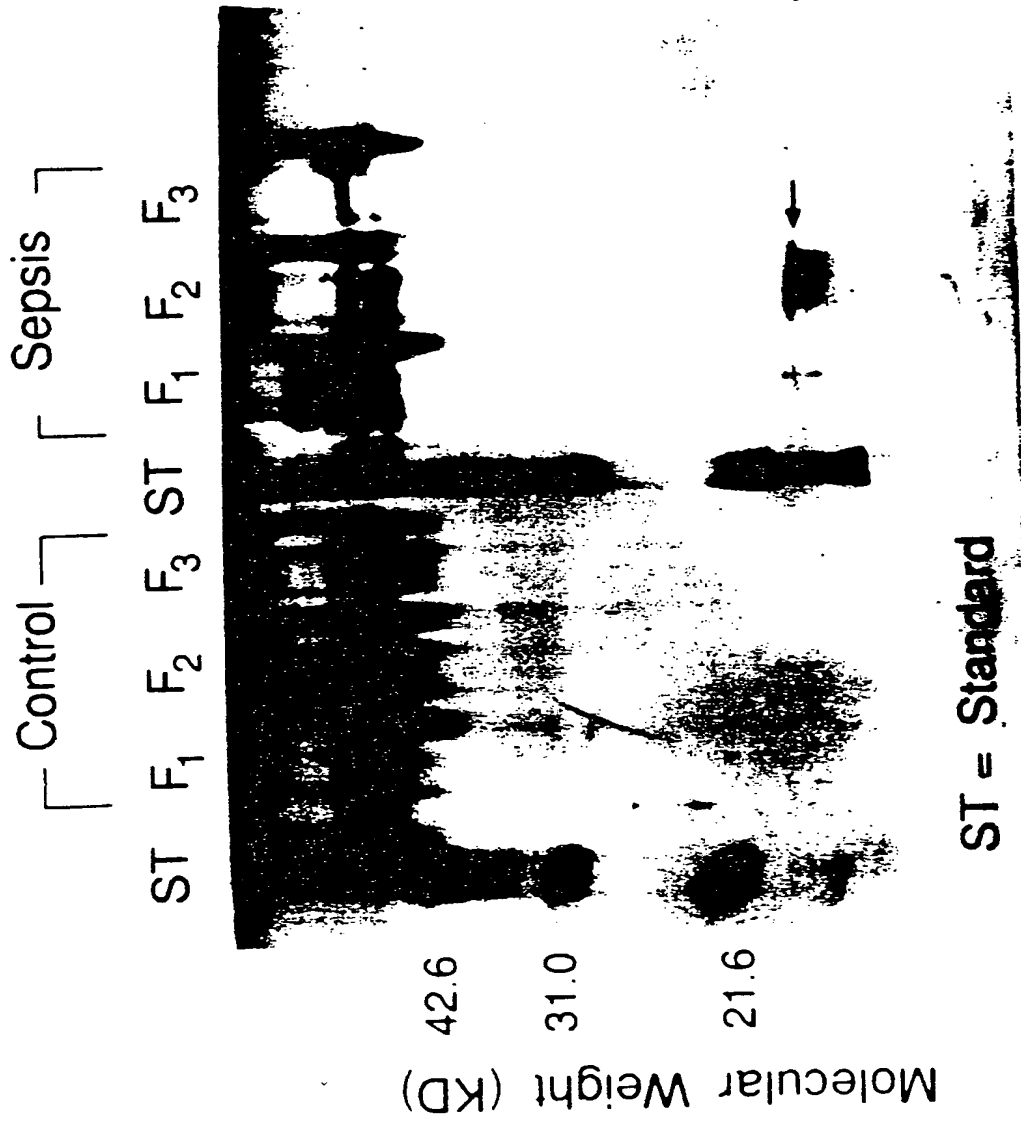


FIGURE 3A

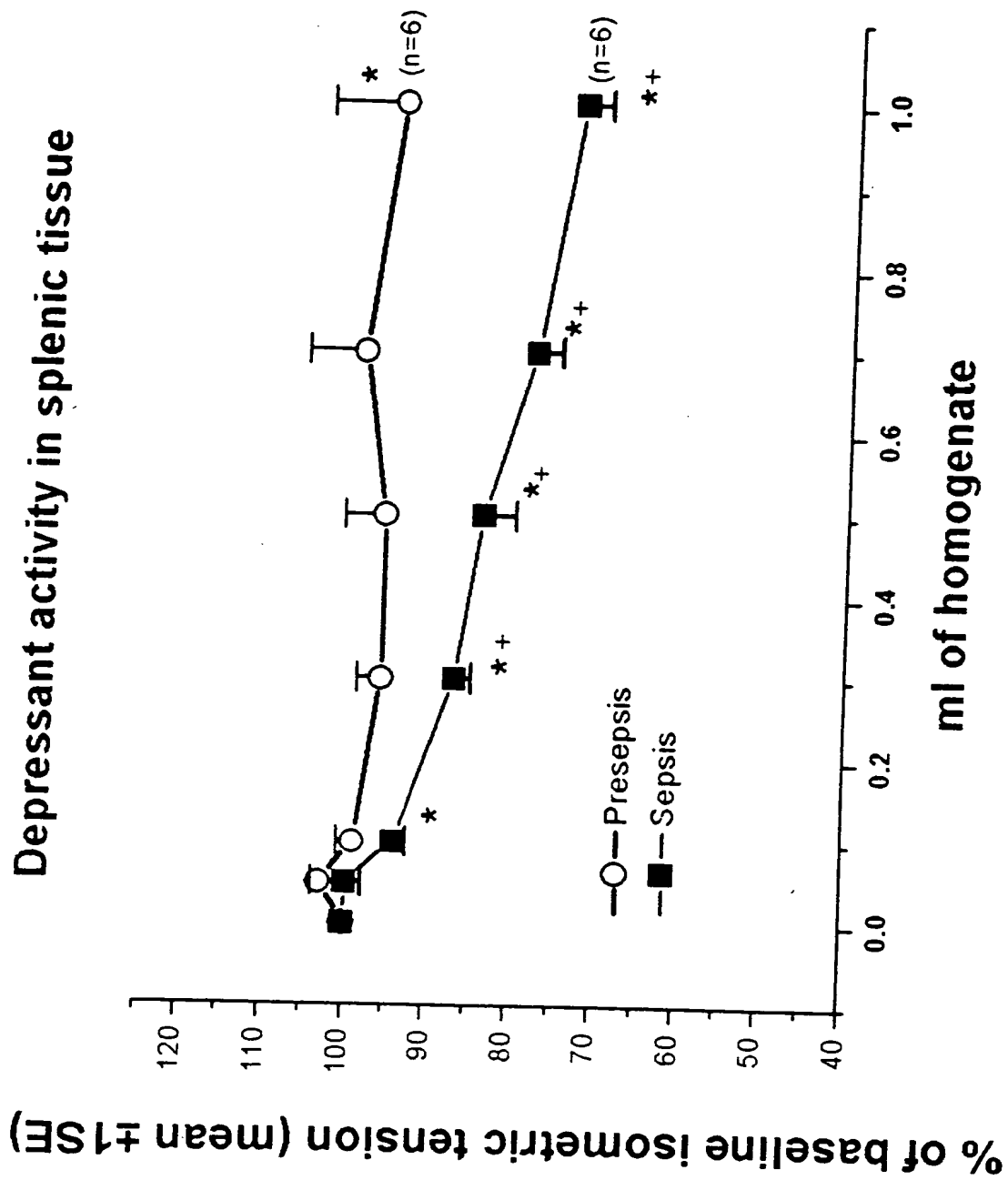
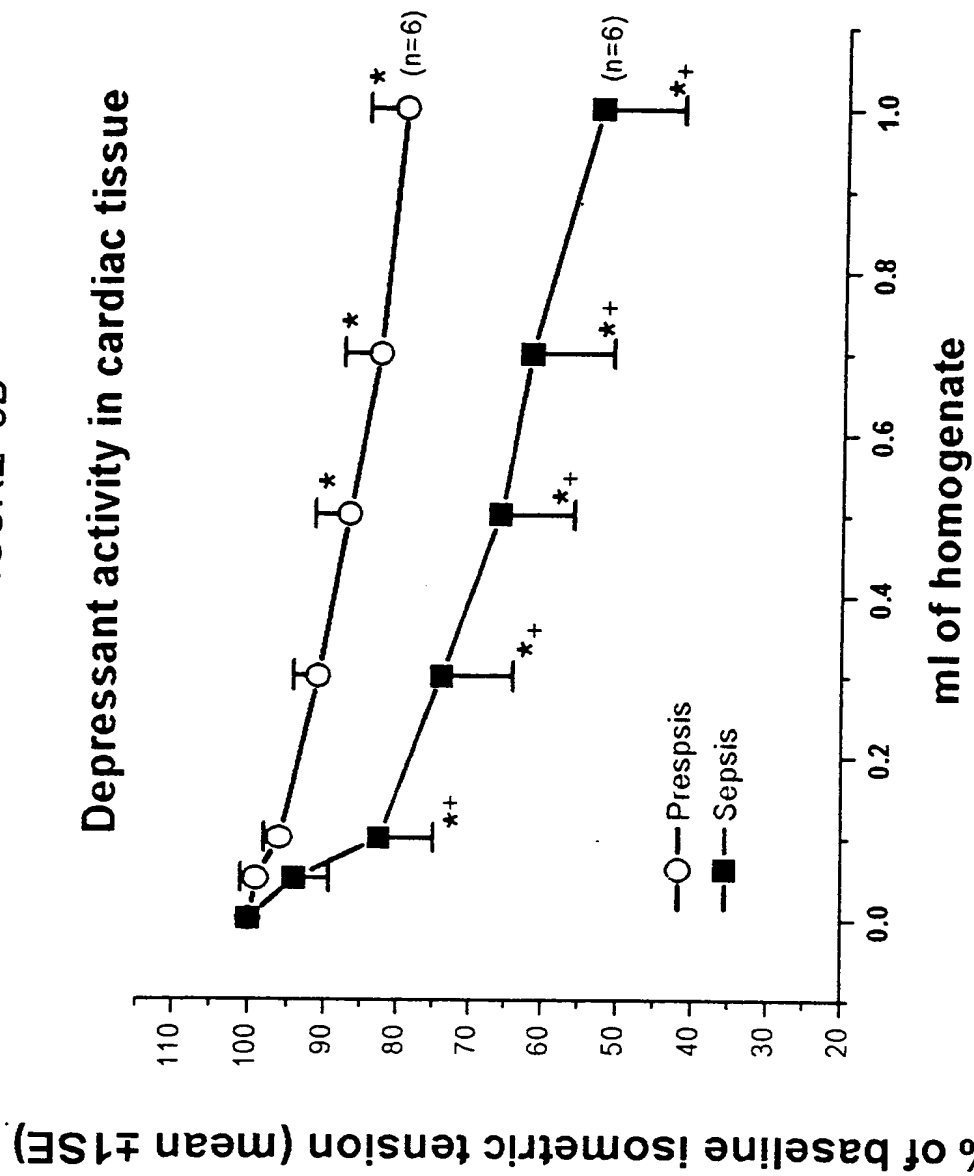


FIGURE 3B



**FIGURE 3C**  
**Depressant activity in lymphocytes**

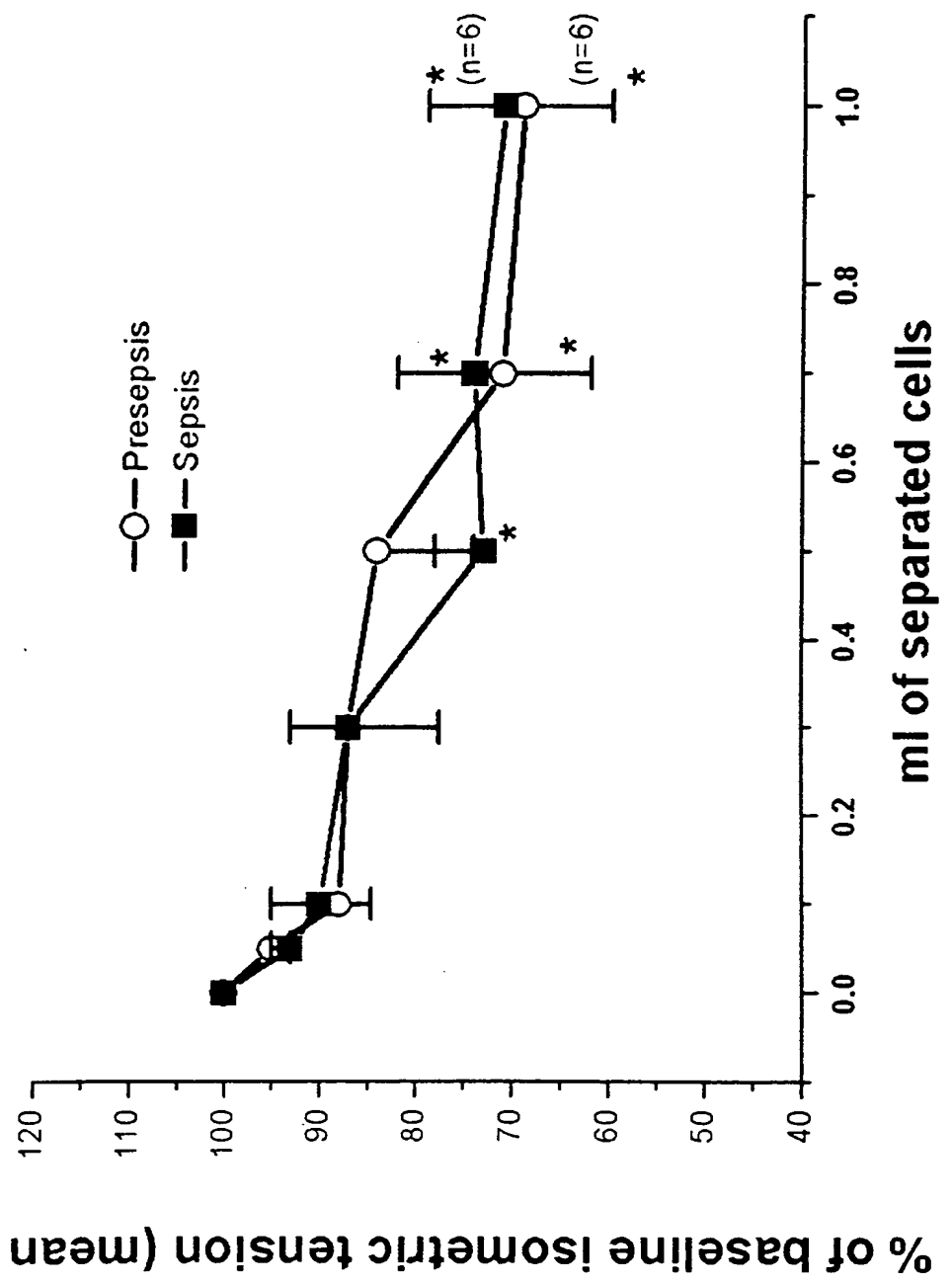


FIGURE 4A

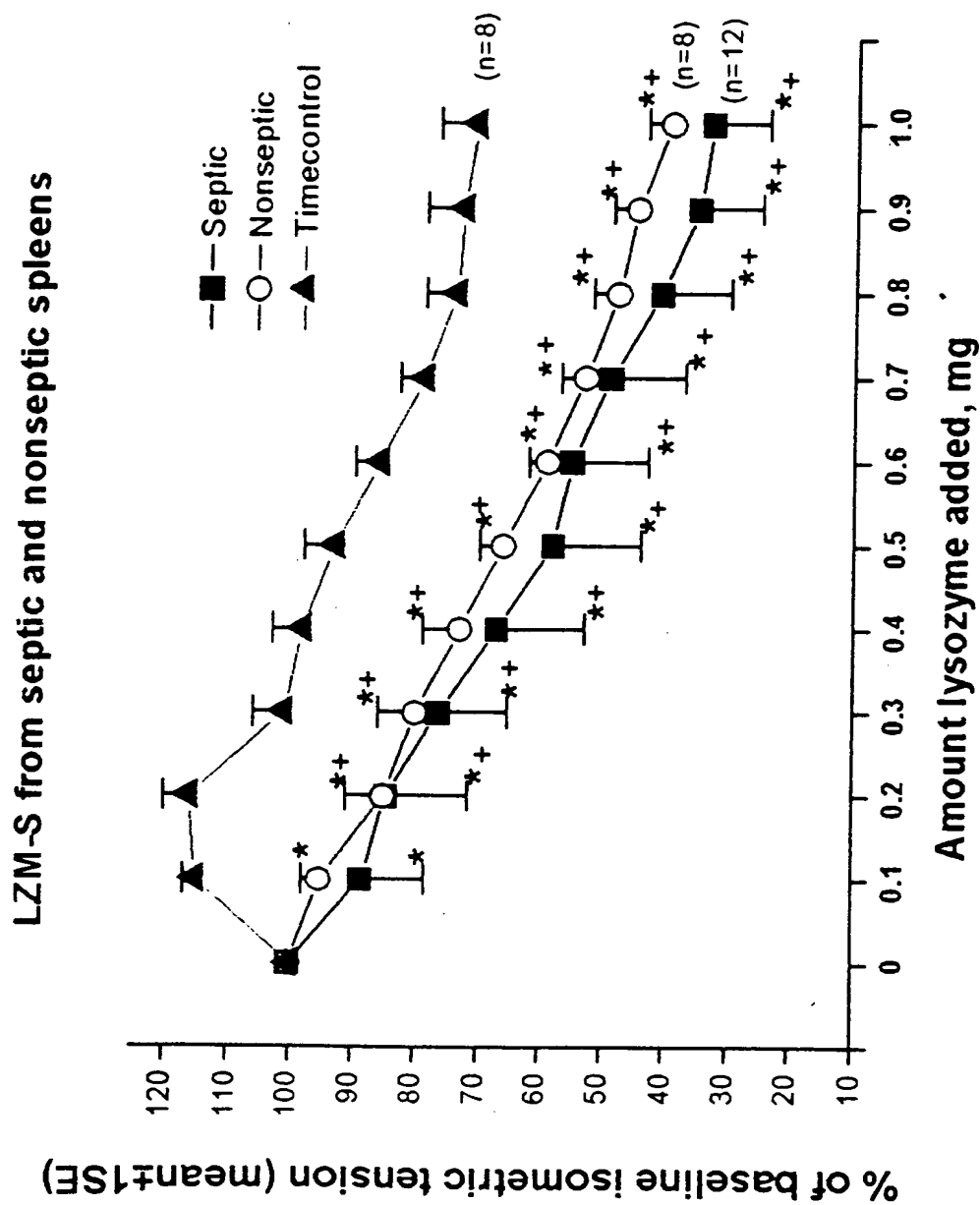




FIGURE 4B

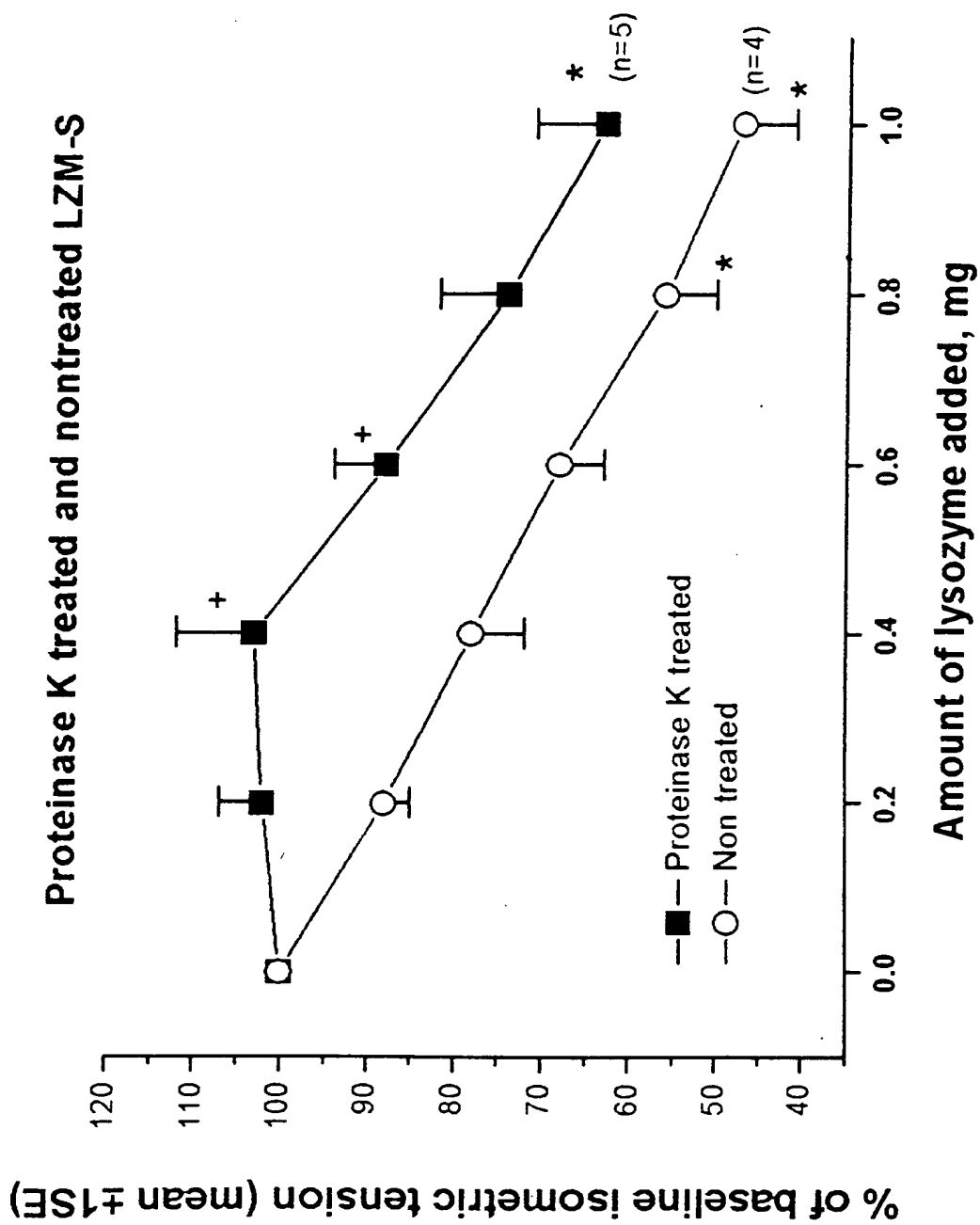


FIGURE 5A

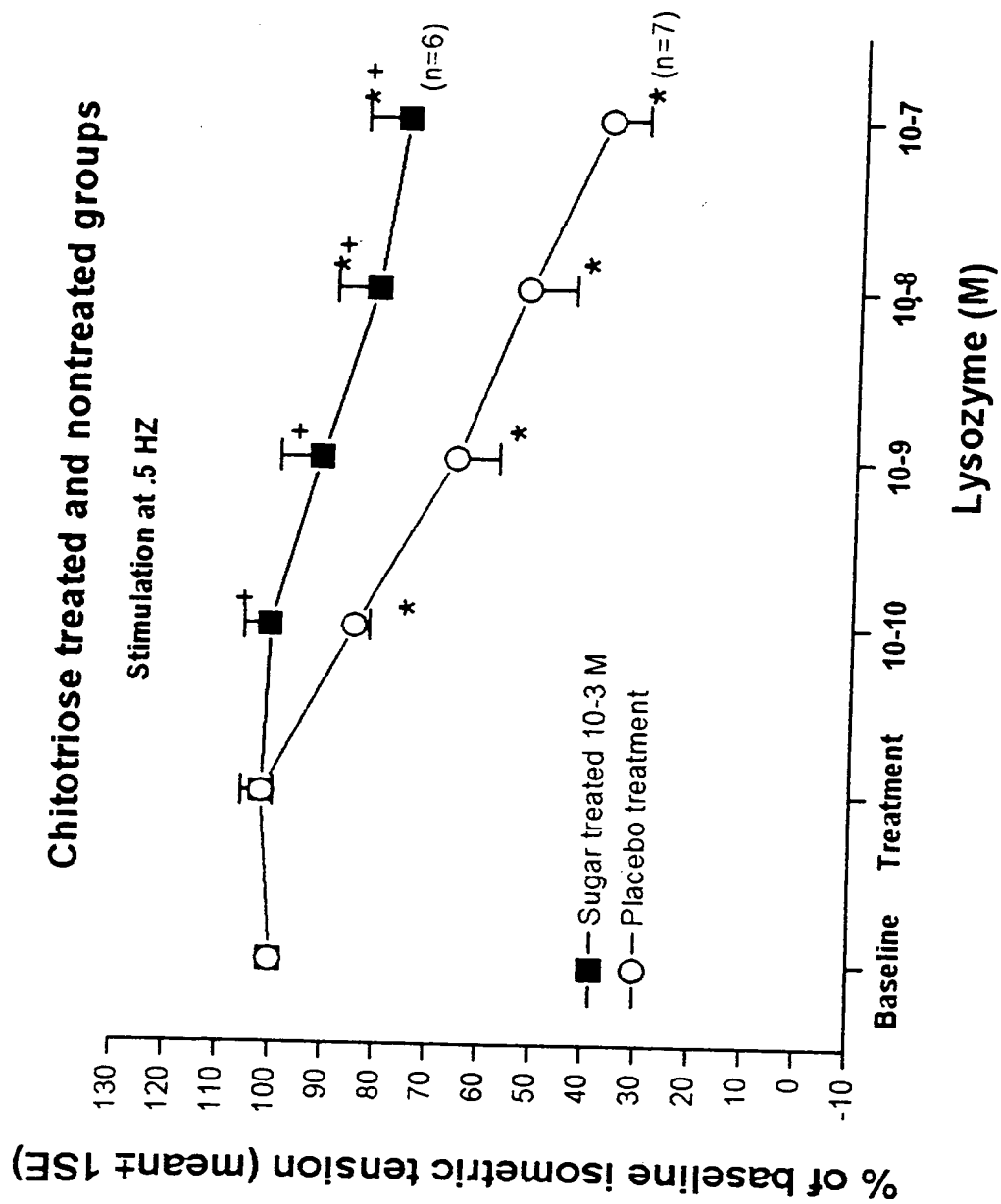


FIGURE 5B

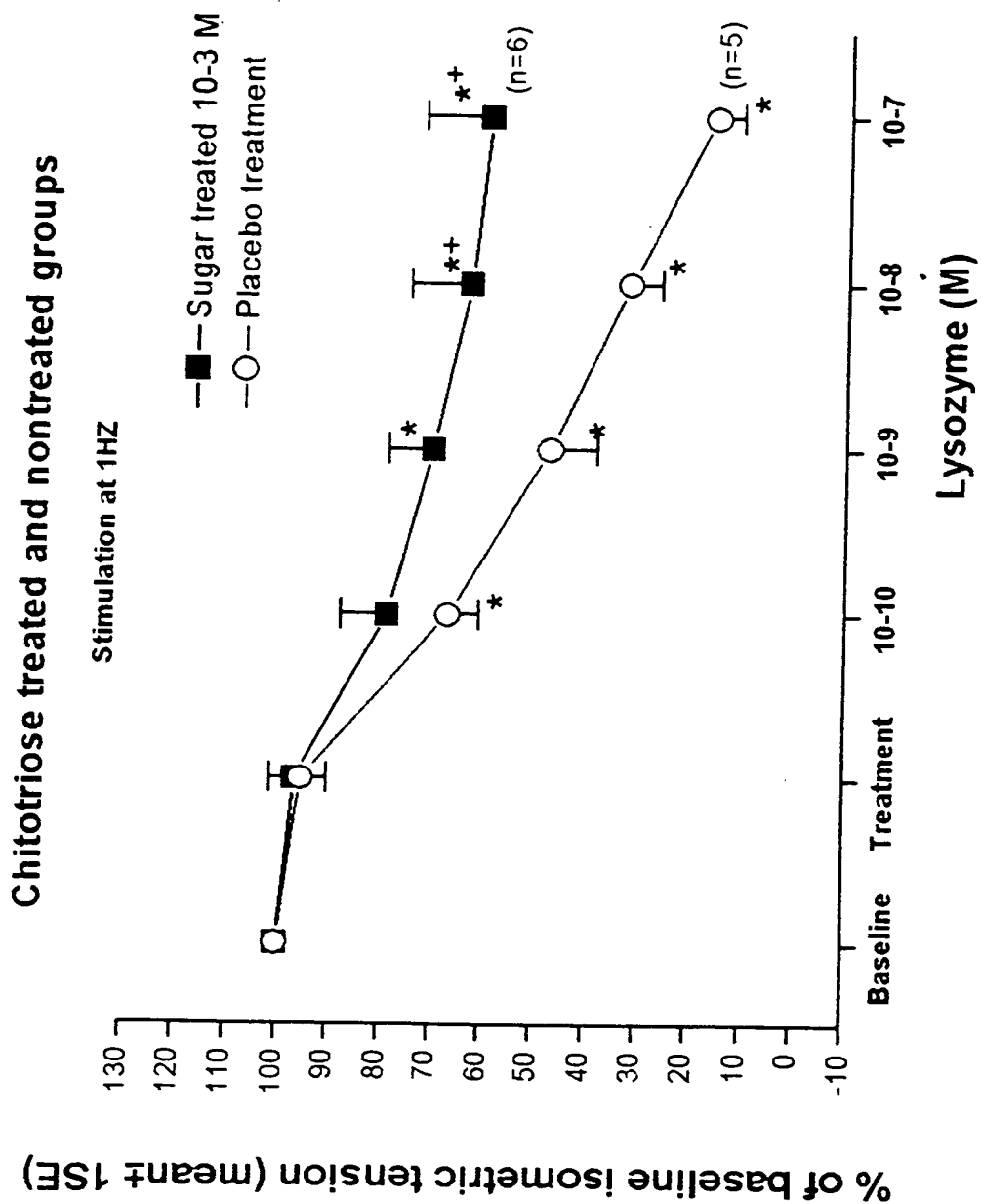
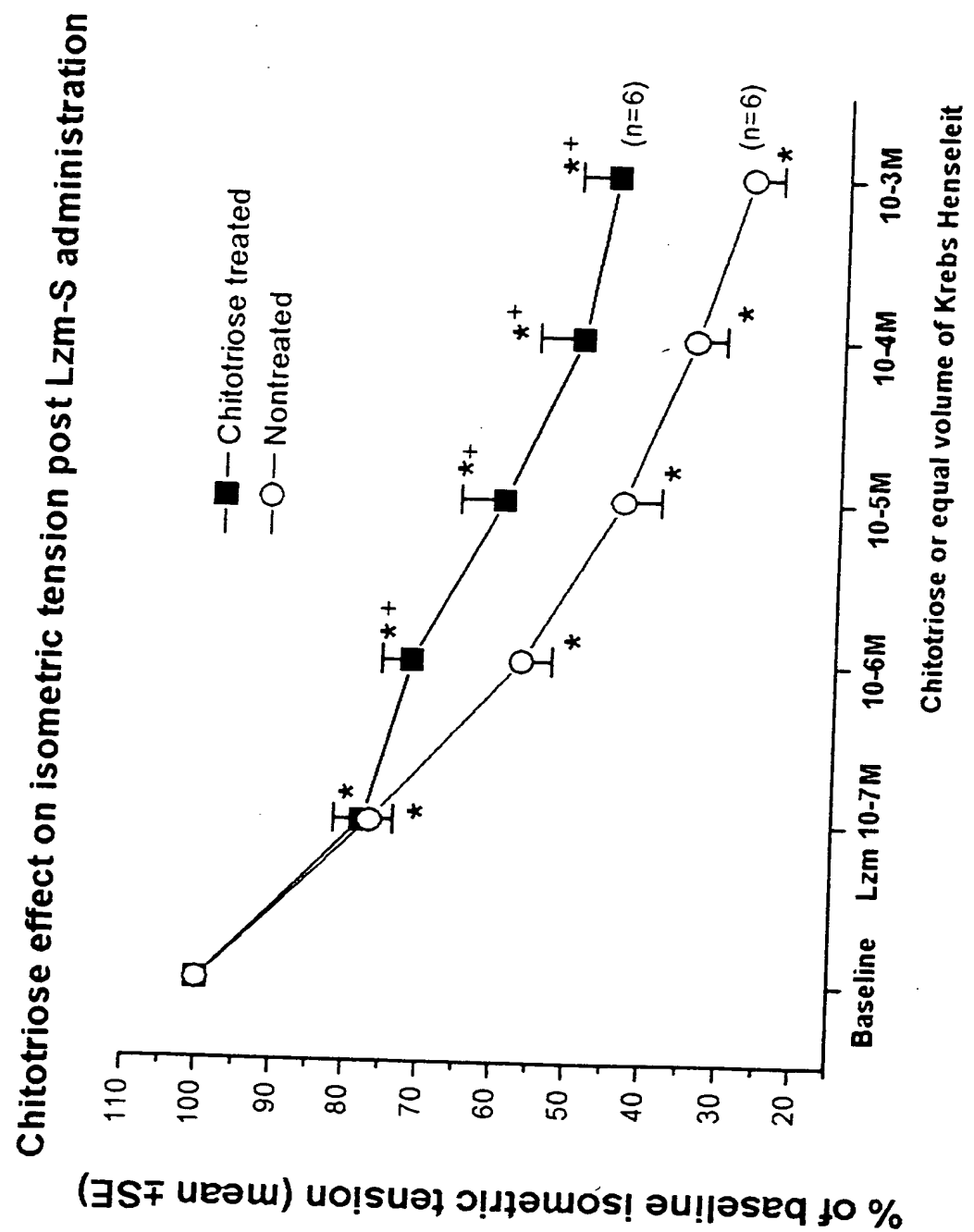


FIGURE 5C



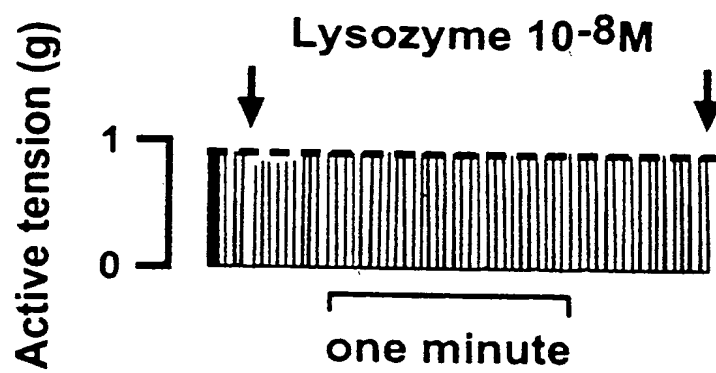
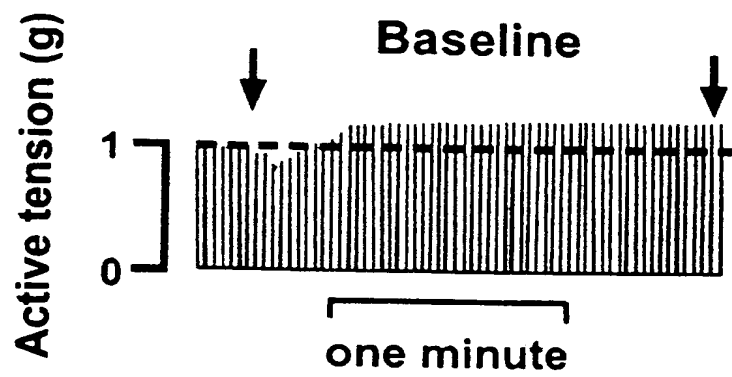


FIGURE 6

FIGURE 7A

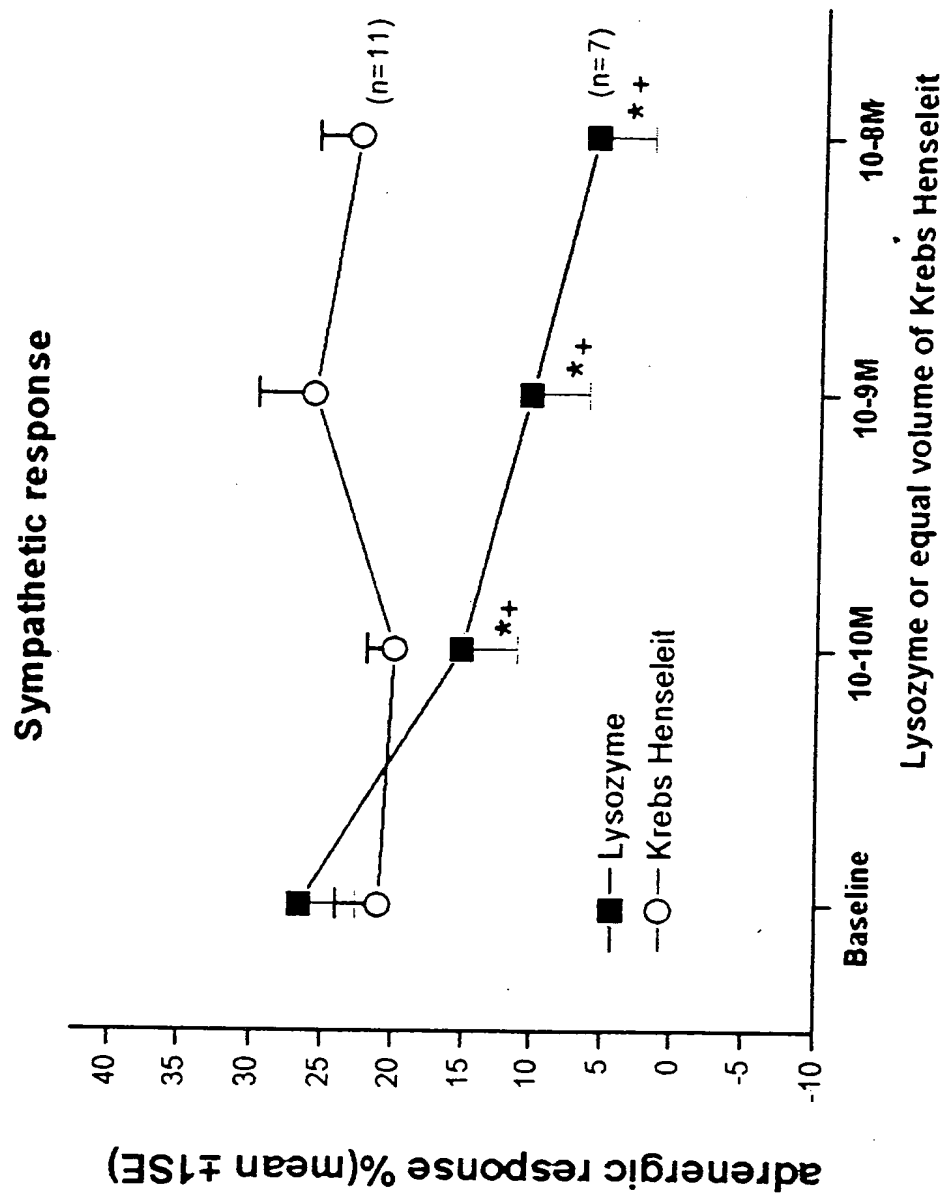
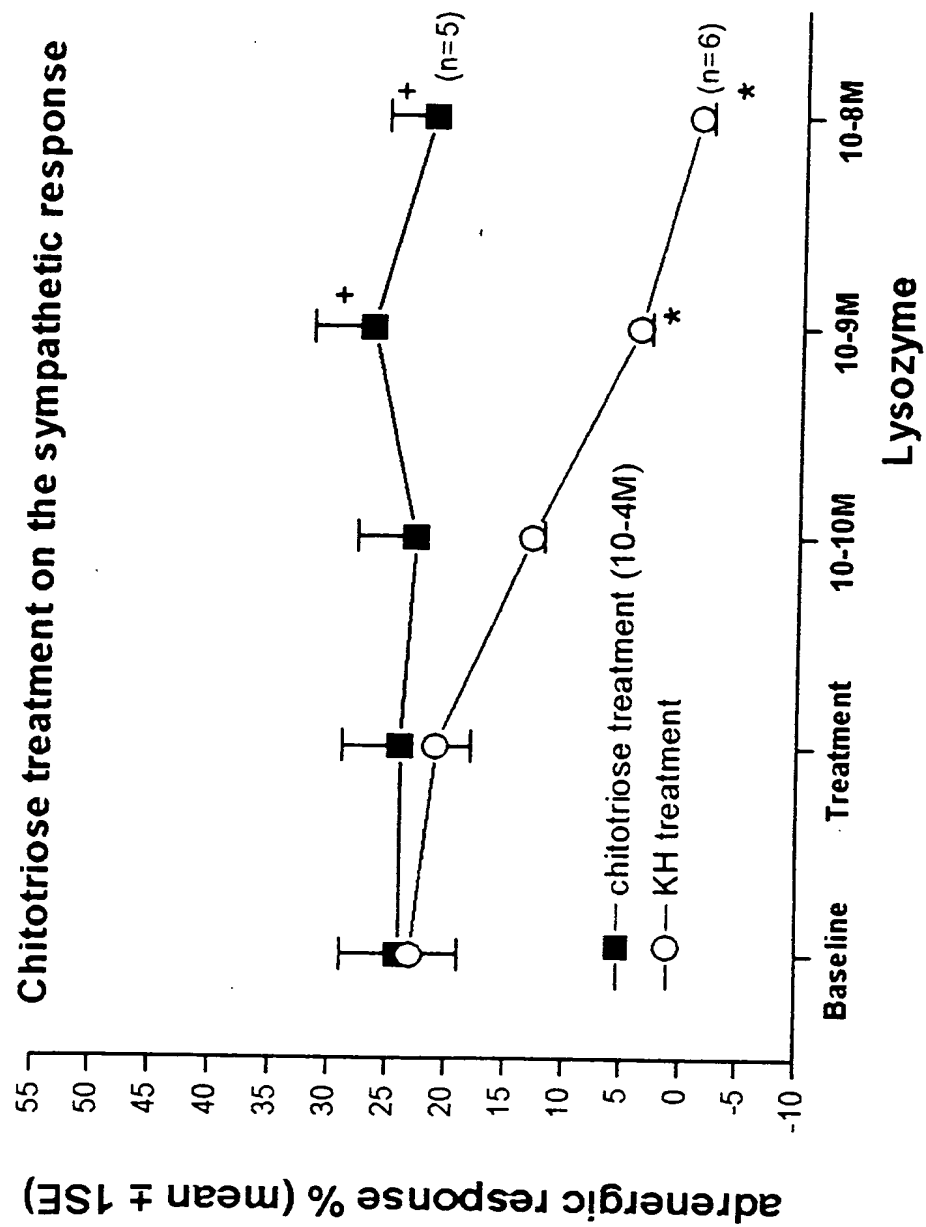
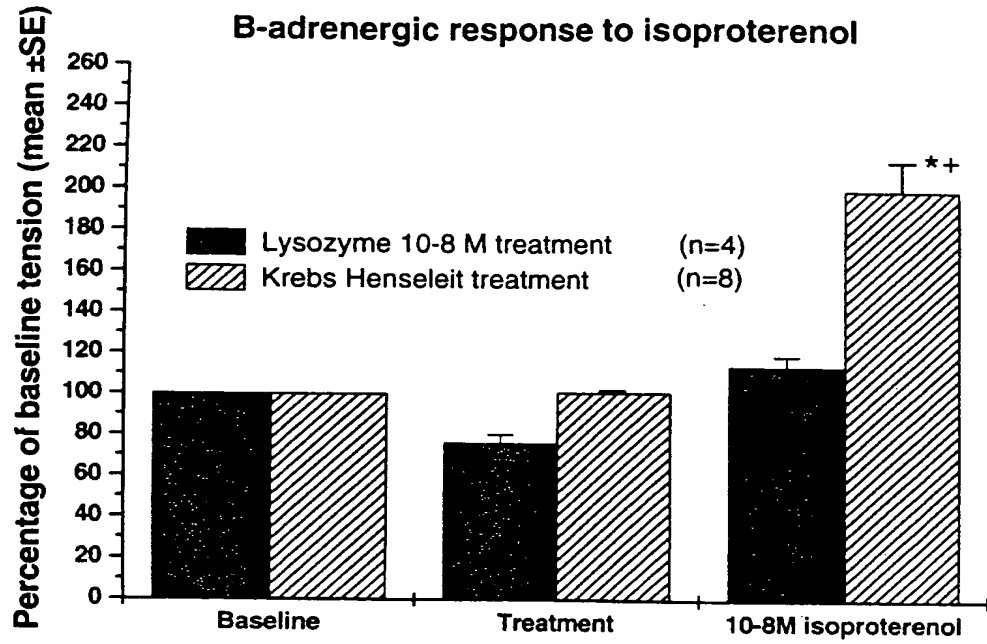


FIGURE 7B

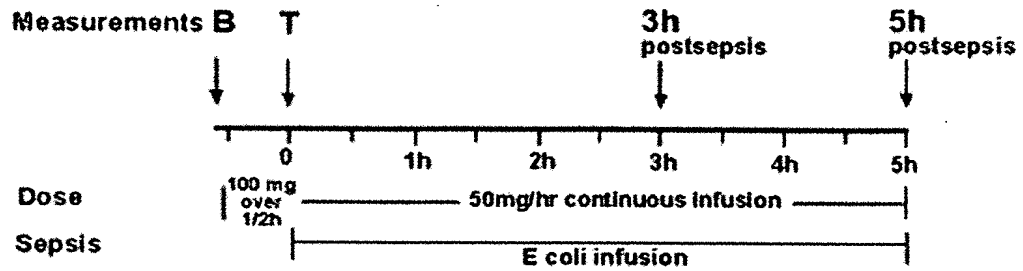


**FIGURE 7C**

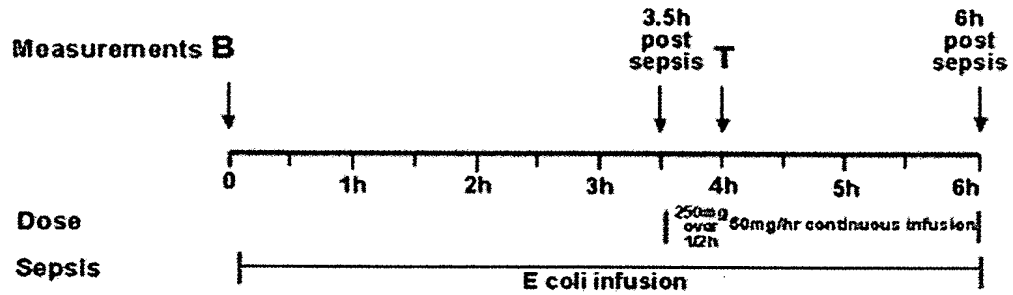




### Pretreatment Study



### Late Treatment Study



### Early Treatment Study

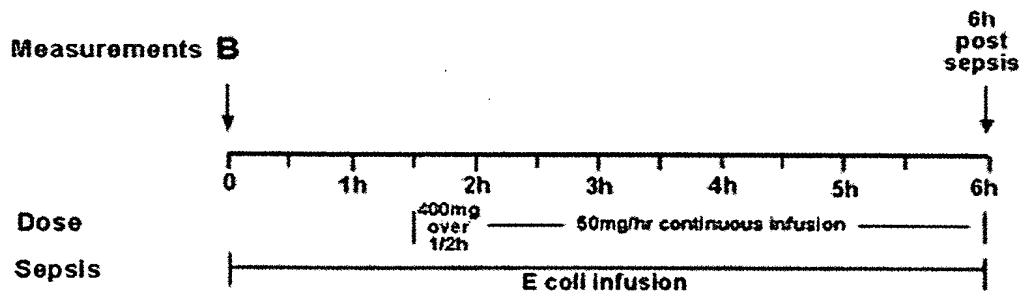
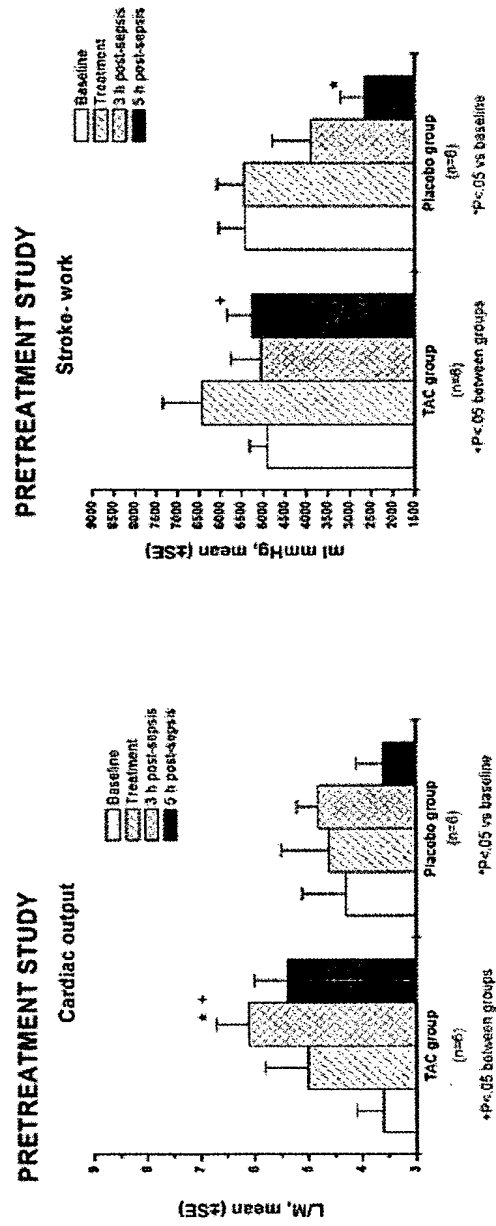
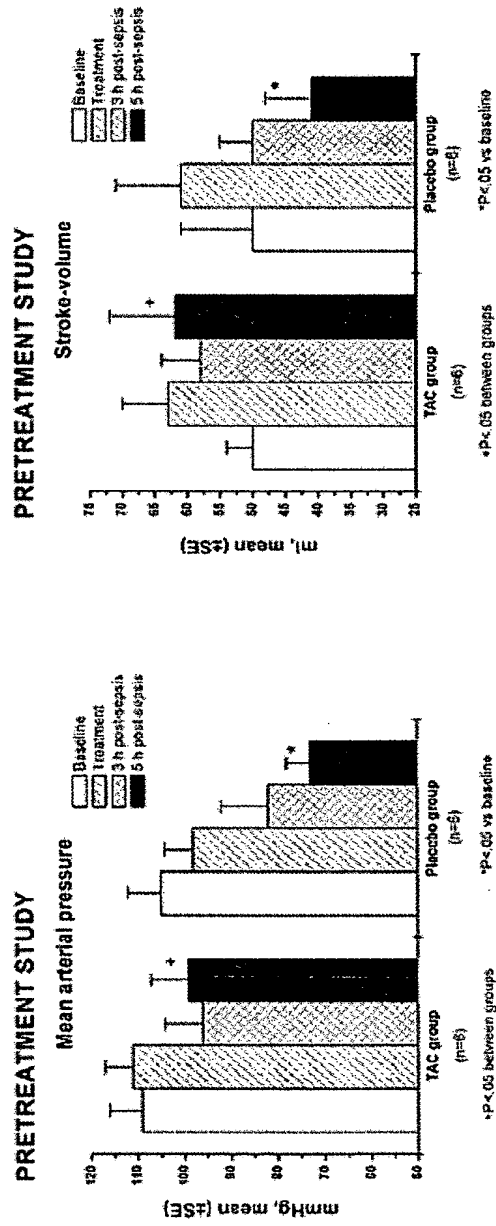


Figure 8



**Figure 9**

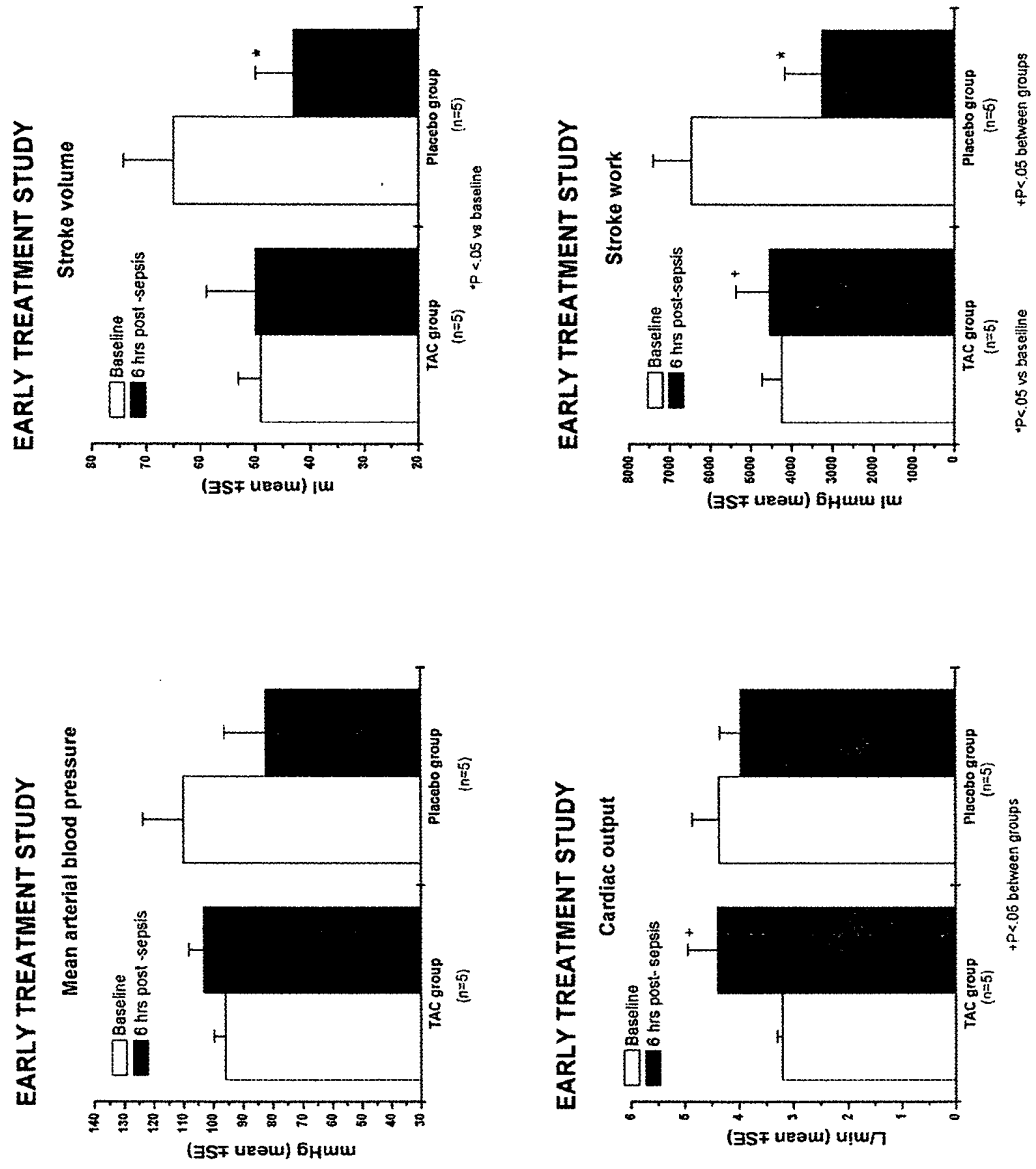


Figure 10

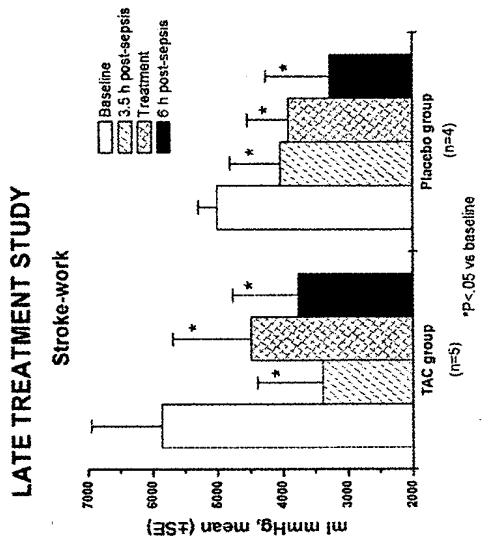
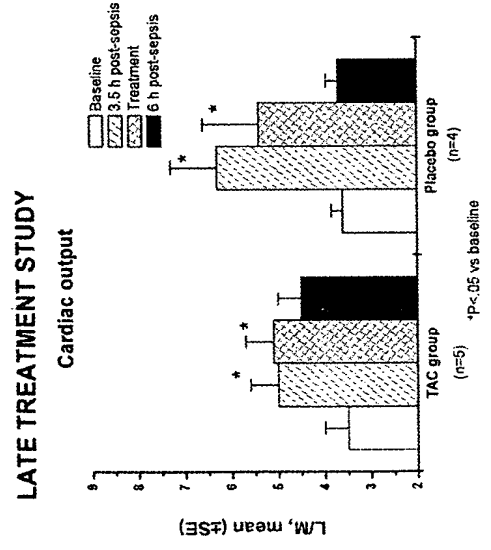
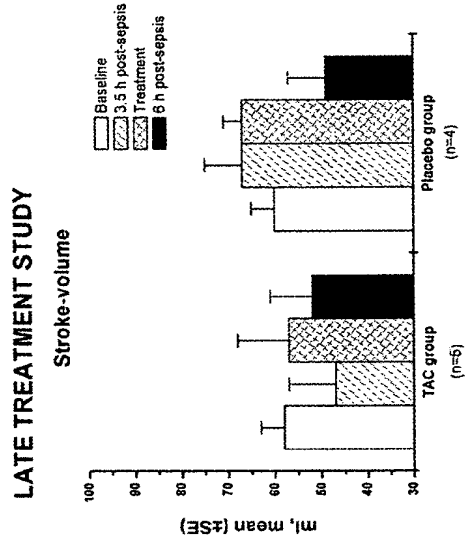
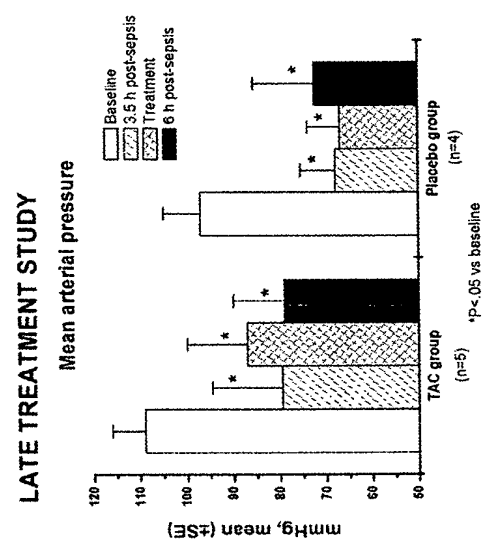
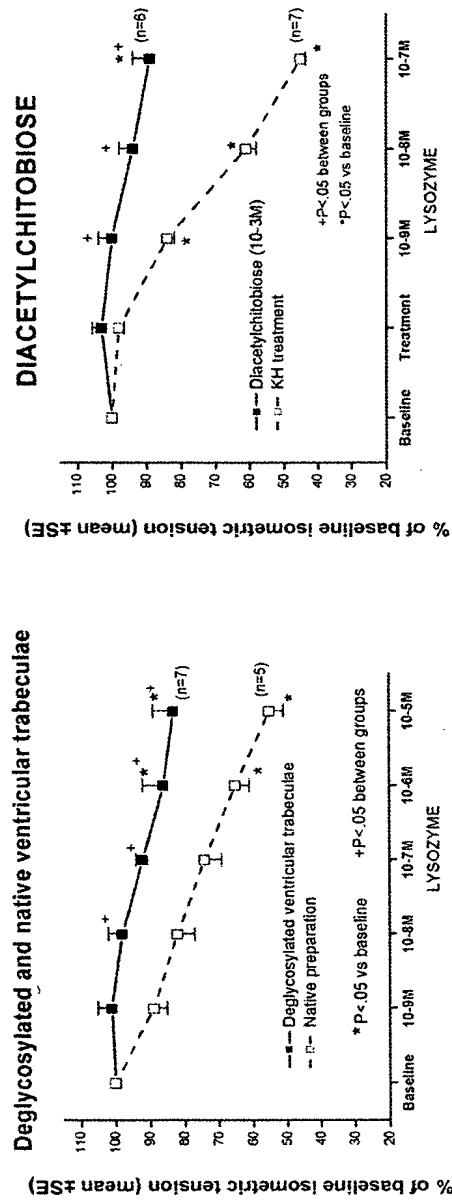
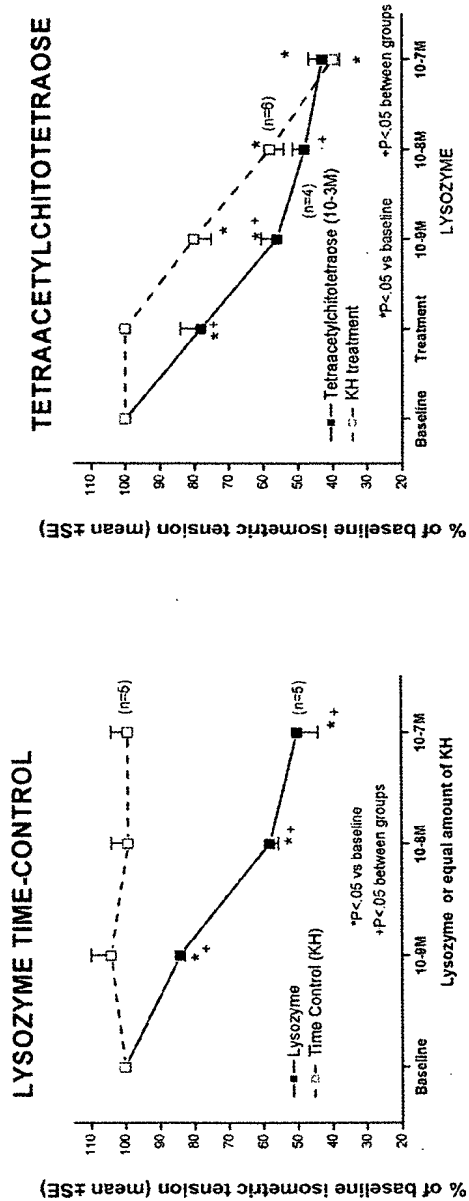
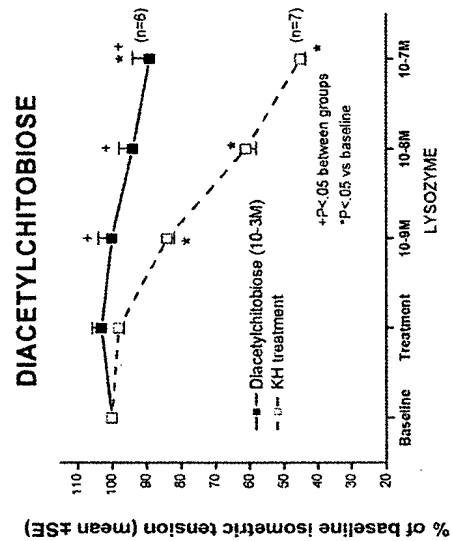


Figure 11



Deglycosylated and native ventricular trabeculae

DIACETYLCBITOBIOS



TETRAACETYLCBITOTETRAOSE

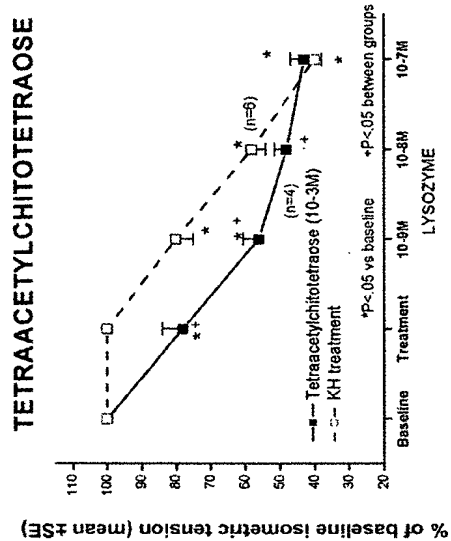
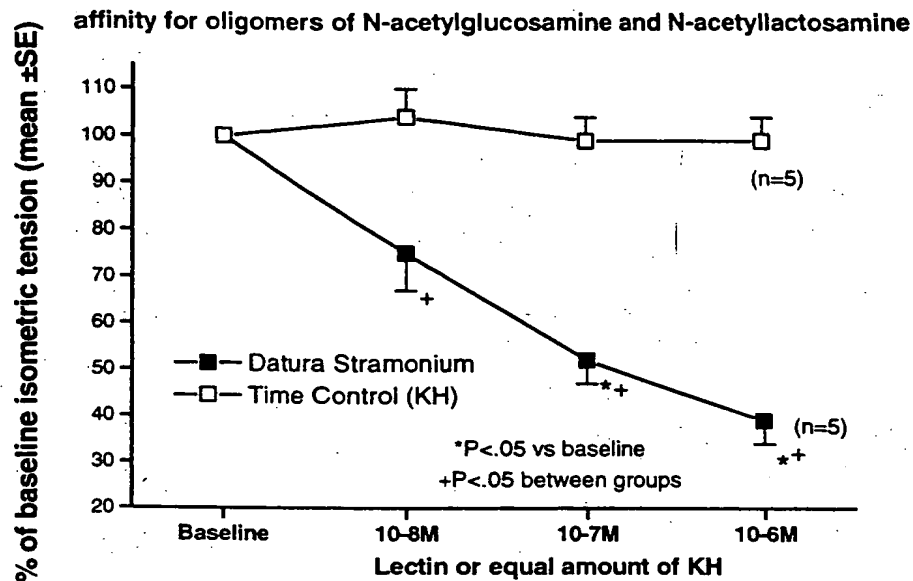


Figure 12

## DATURA STRAMONIUM



## DATURA STRAMONIUM and CHITOTRIOSE

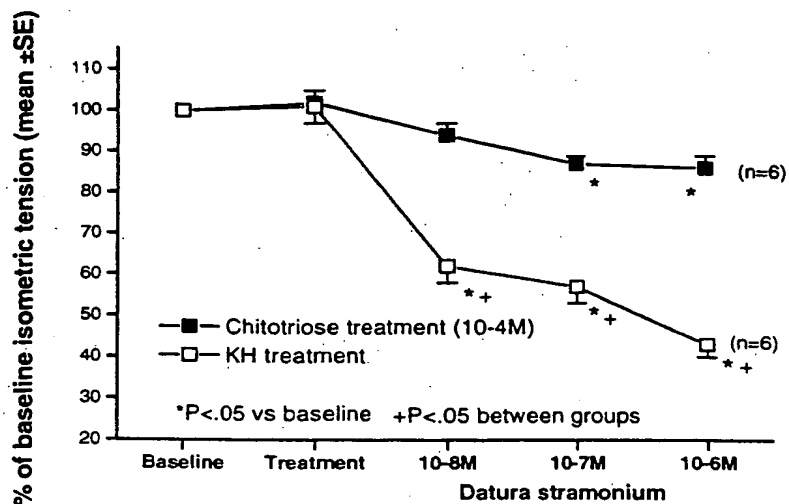


Figure 13

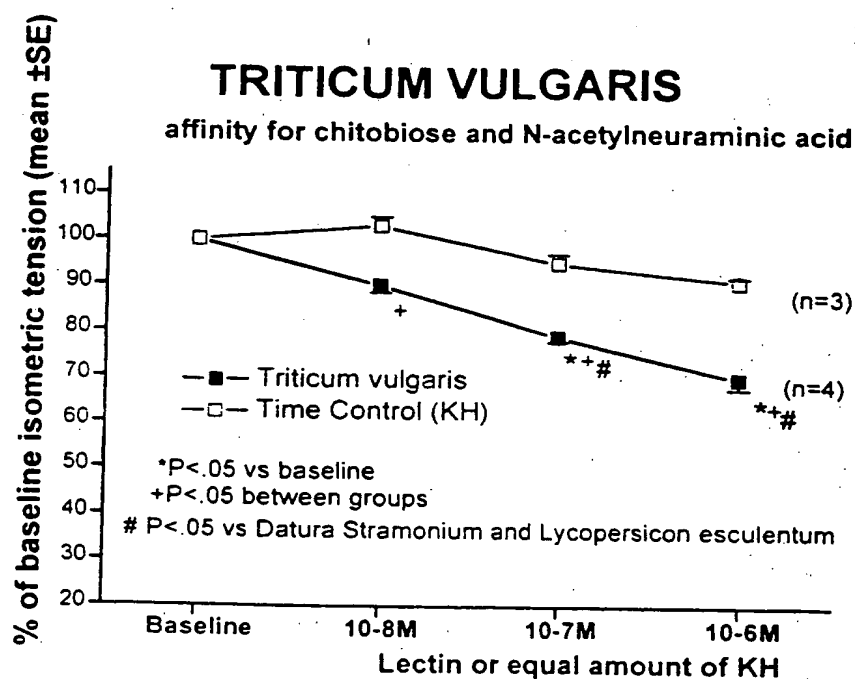
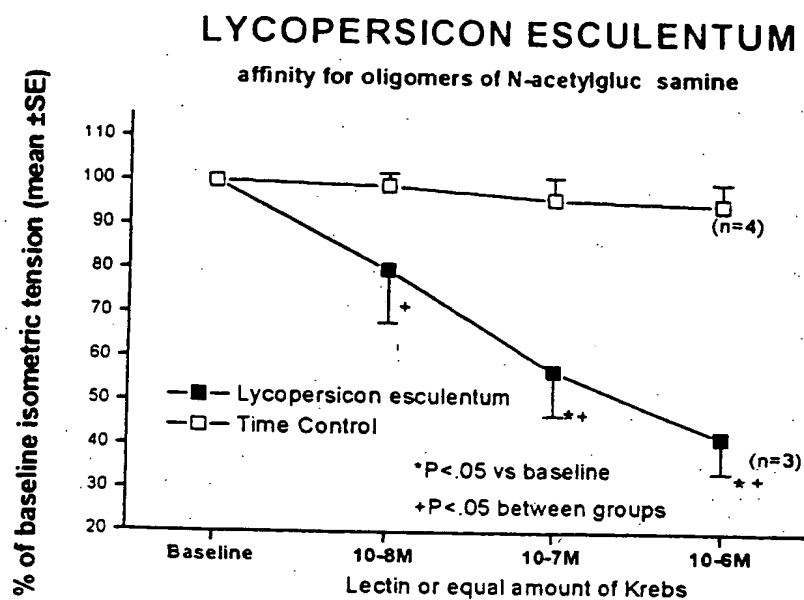
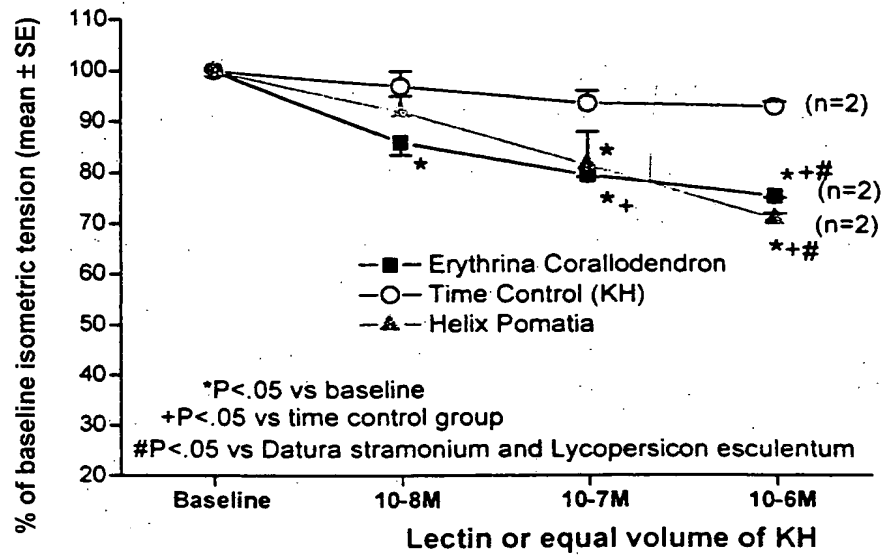


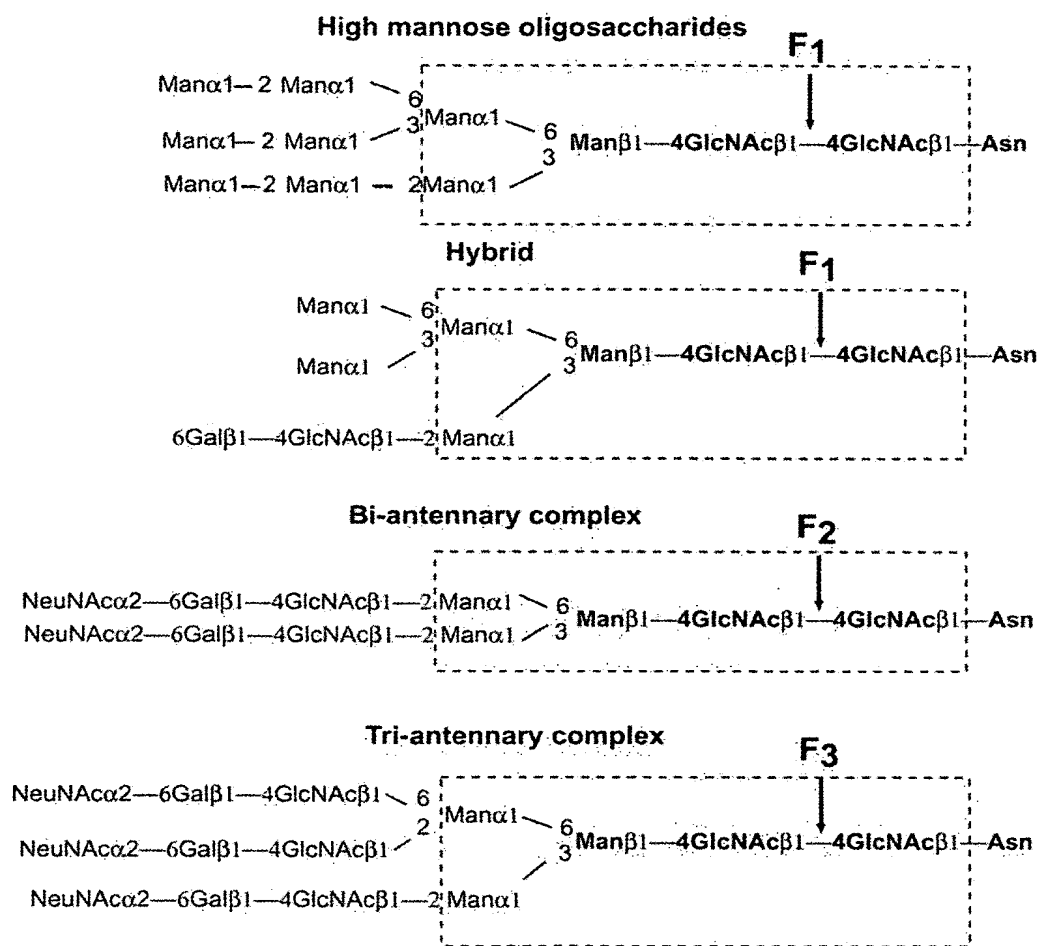
Figure 14

**ERYTHRINA CORALLODENDRON and HELIX POMATIA**  
affinity for N-acetyllactosamine and  
terminal N-acetyl galactosaminy residues, respectively



**Figure 15**





**Figure 16**

## REVERSIBILITY STUDY

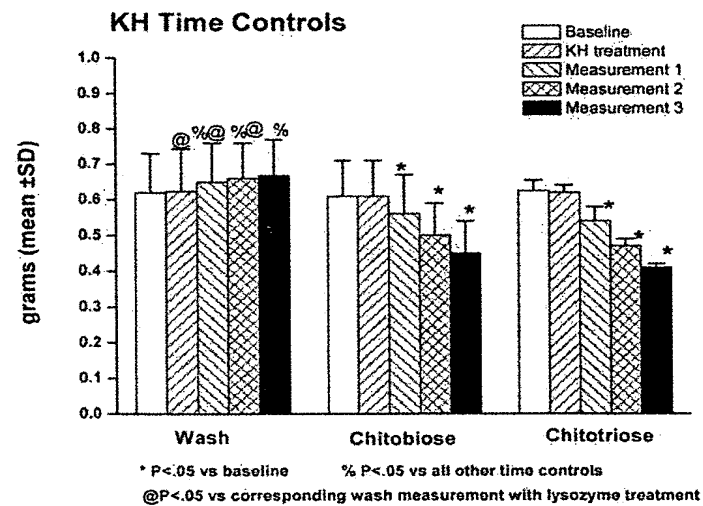
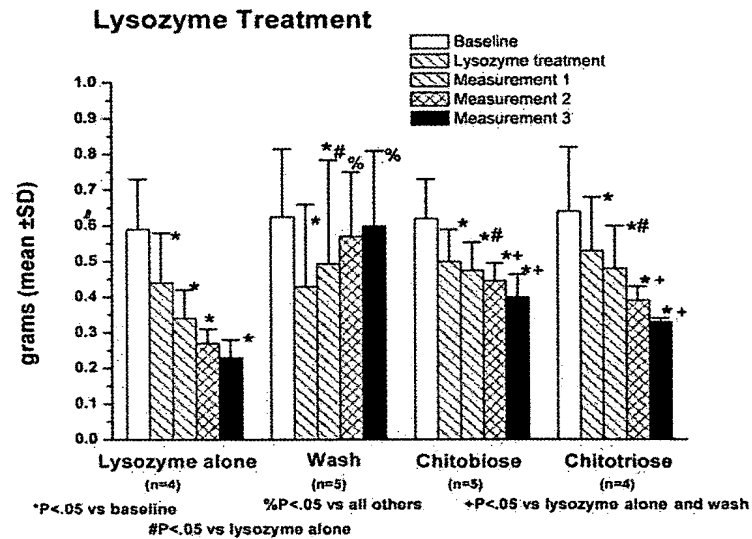


Figure 17

## EXOGLYCOSIDASES

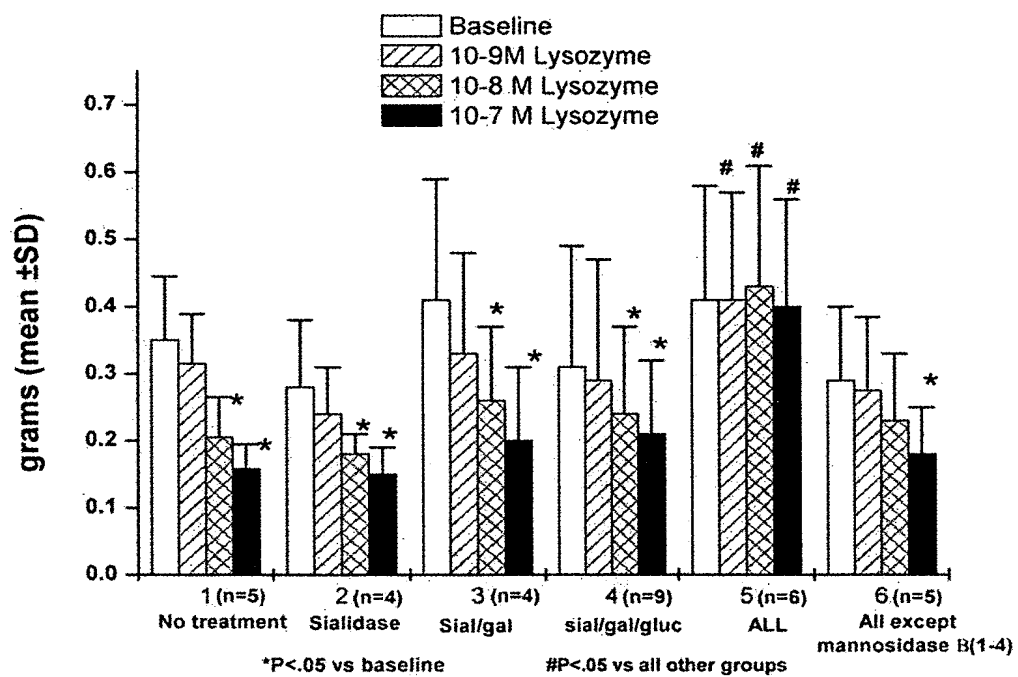
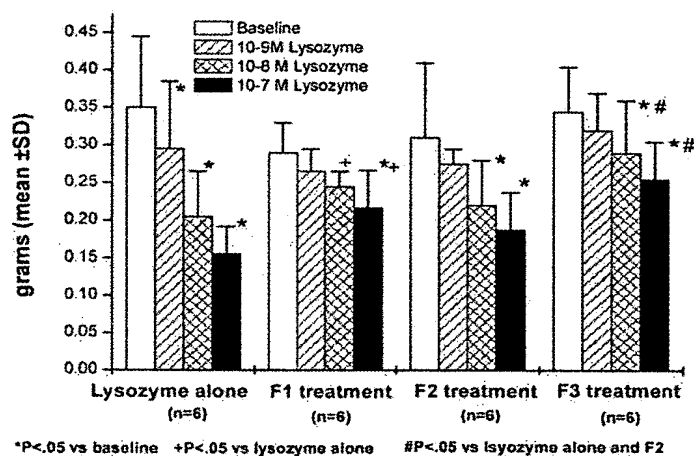


Figure 18

## ENDO- $\beta$ -N-ACETYLGLUCOSAMINIDASE STUDY

### Lysozyme Experiments



### KH Time Controls

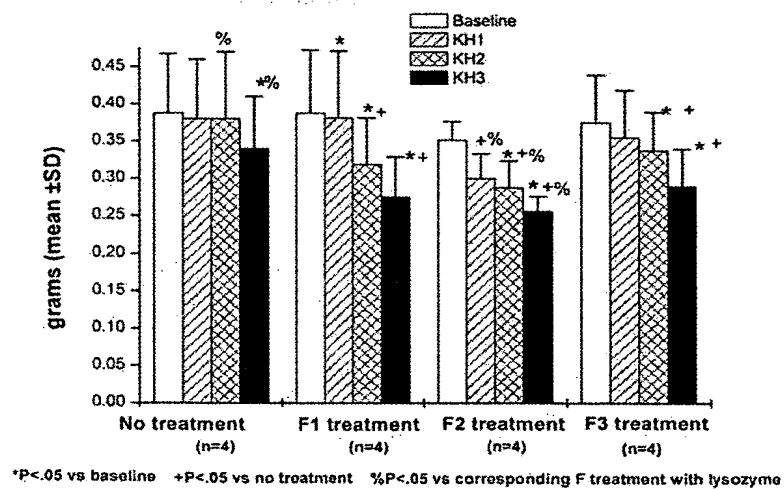
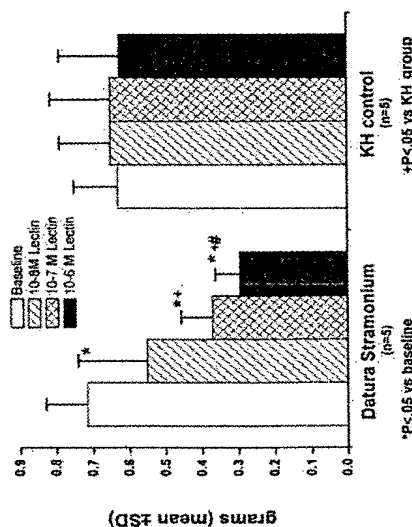


Figure 19

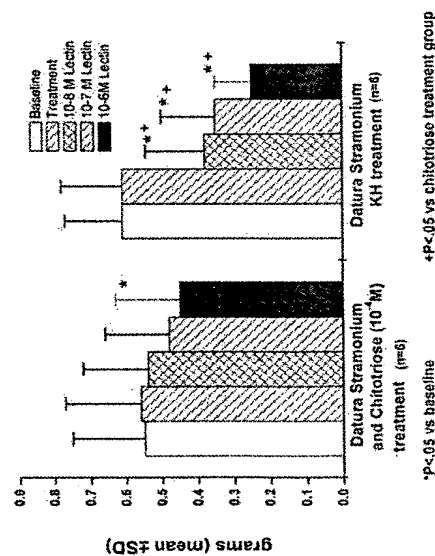
## LECTIN STUDY

### DATURA STRAMONIUM LECTIN

affinity for oligomers of N-acetylglucosamine and N-acetyllactosamine

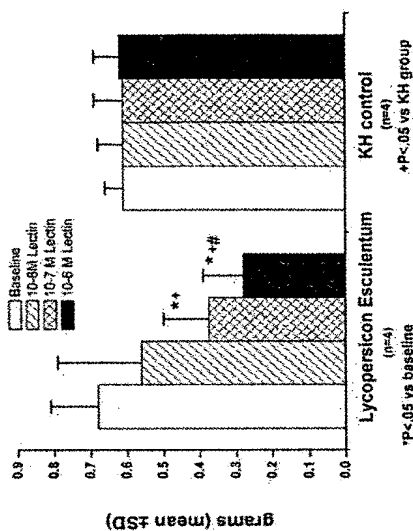


### DATURA STRAMONIUM and CHITOTRIOSE



### LYCOPERSICON ESCULENTUM LECTIN

affinity for oligomers of N-acetylglucosamine



### TRITICUM VULGARIS, ERYTHRINA CORALLODENDRON, and HELIX POMATIA: affinity for chitobiose, for N-acetylglucosamine, and for terminal N-acetyl galactosaminyl residues, respectively

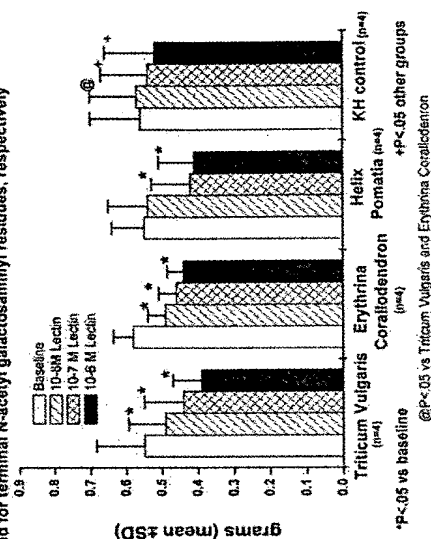
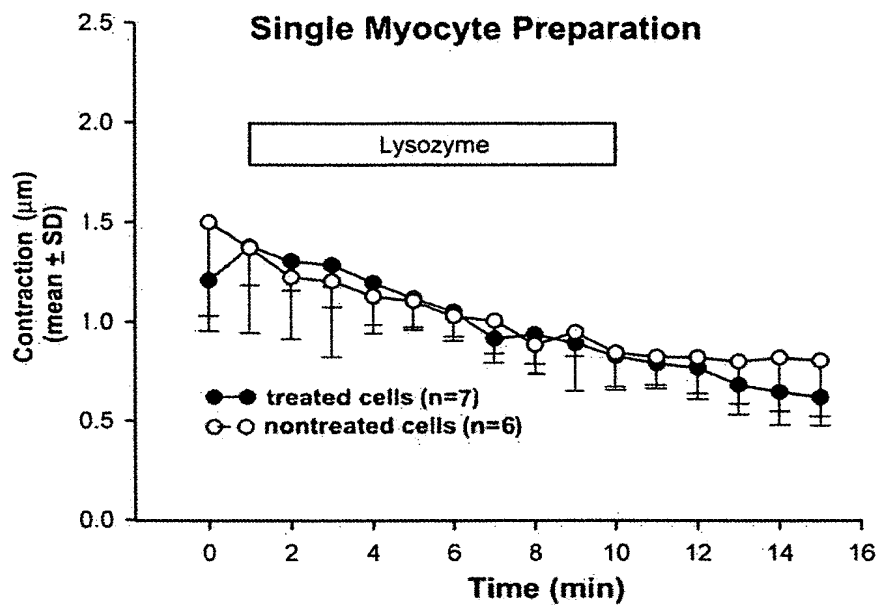
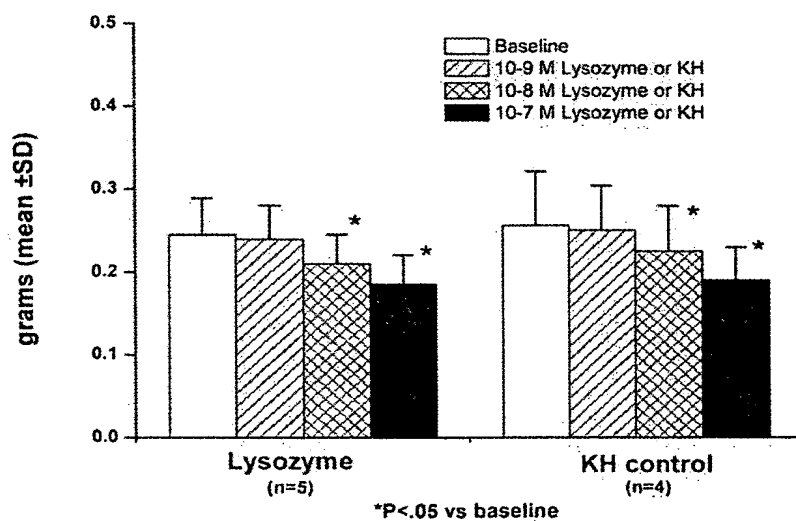


Figure 20



### Protease and collagenase treated ventricular trabeculae



**Figure 21**

## LATE TREATMENT STUDY WITH CHITOBIOSE

Mean arterial pressure (n=4)

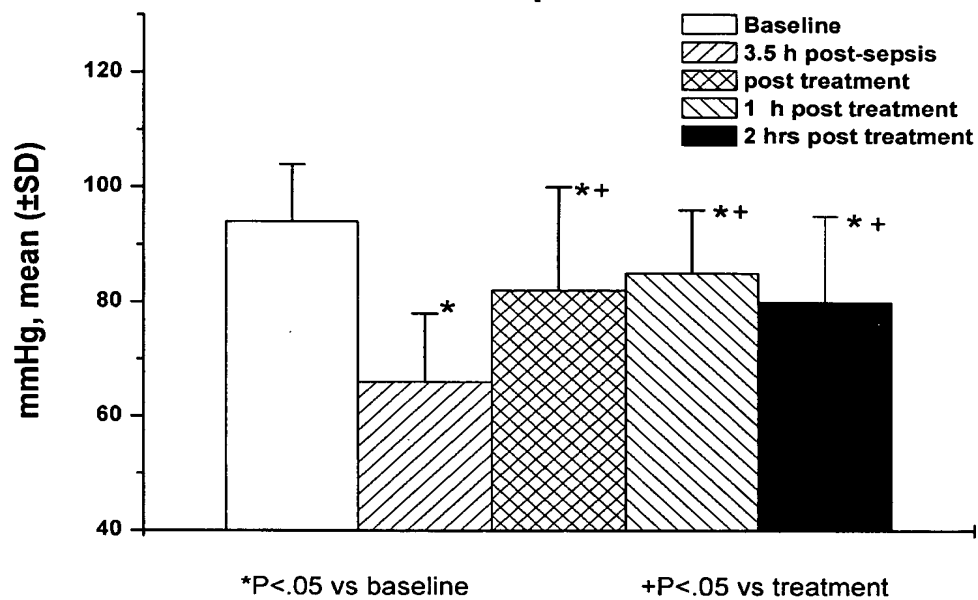


Figure 22

## LATE TREATMENT STUDY WITH CHITOBIOSE

Stroke- work (n=4)

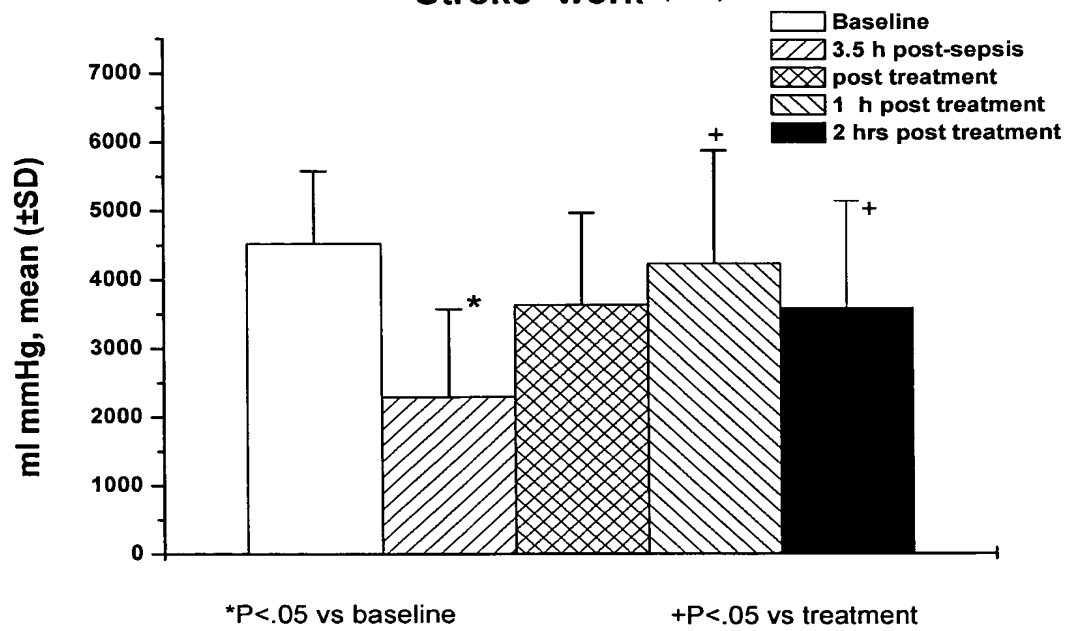


Figure 23



## LATE TREATMENT STUDY WITH CHITOBIOSE

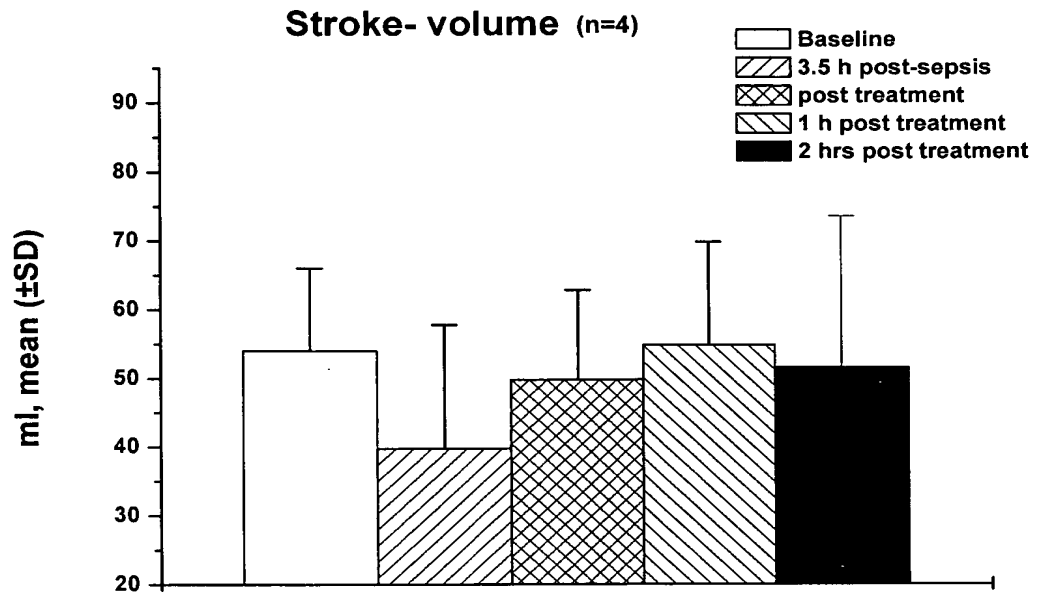


Figure 24

## LATE TREATMENT STUDY WITH CHITOBIOSE

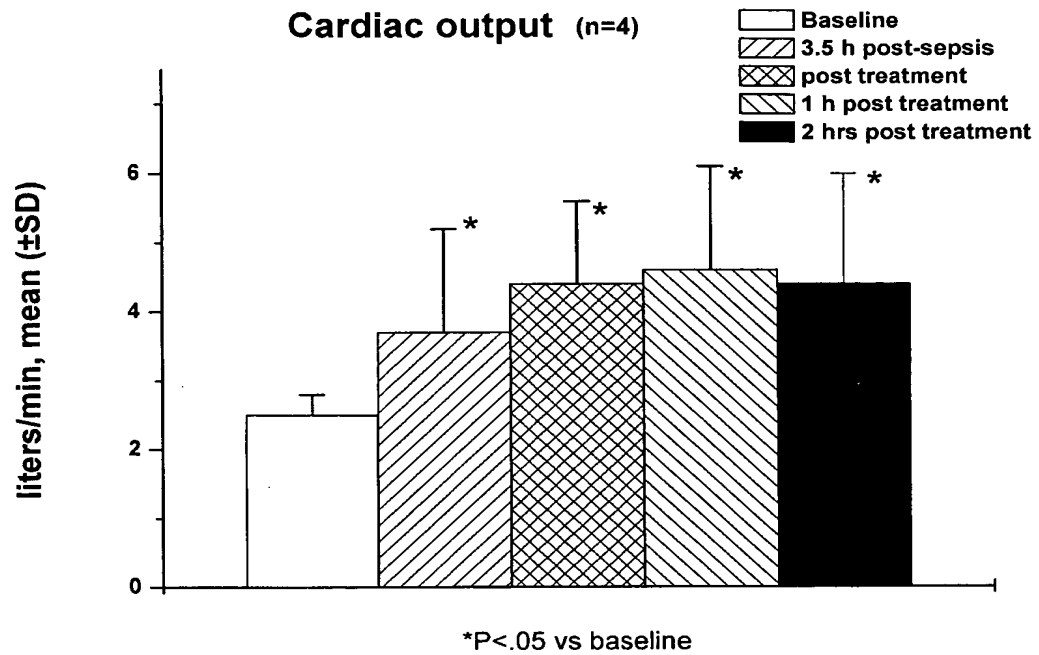
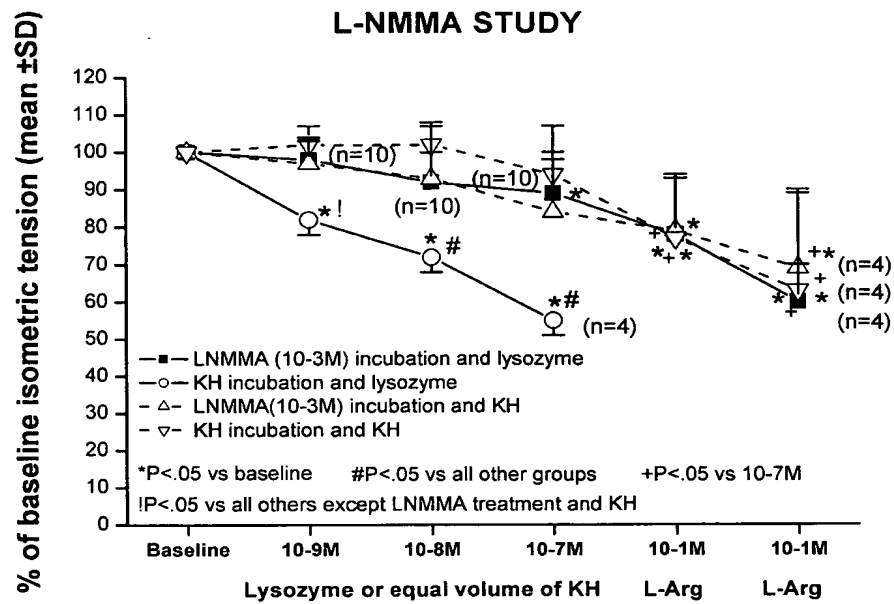
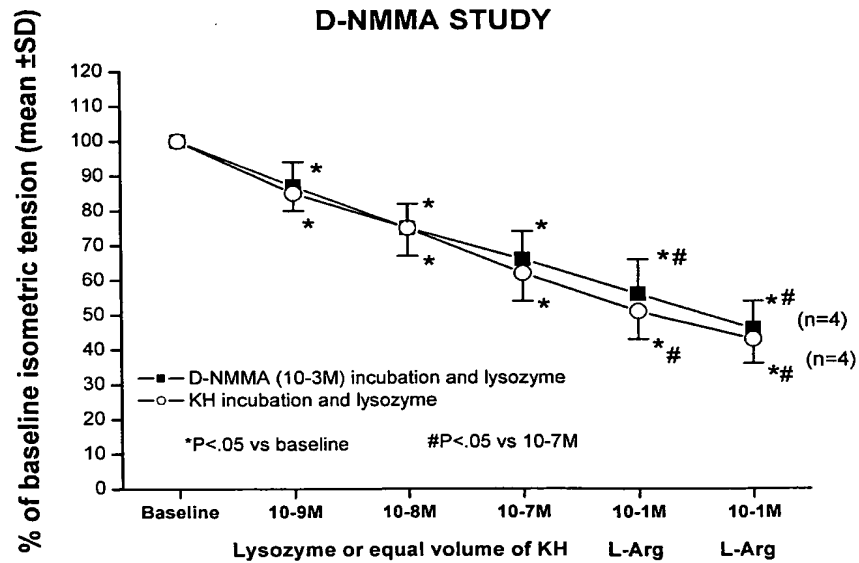


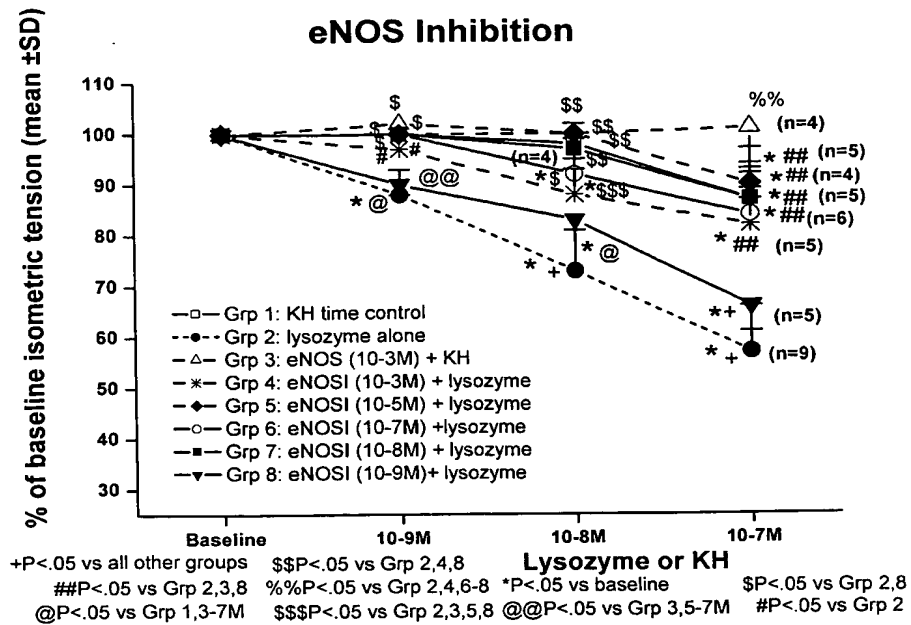
Figure 25



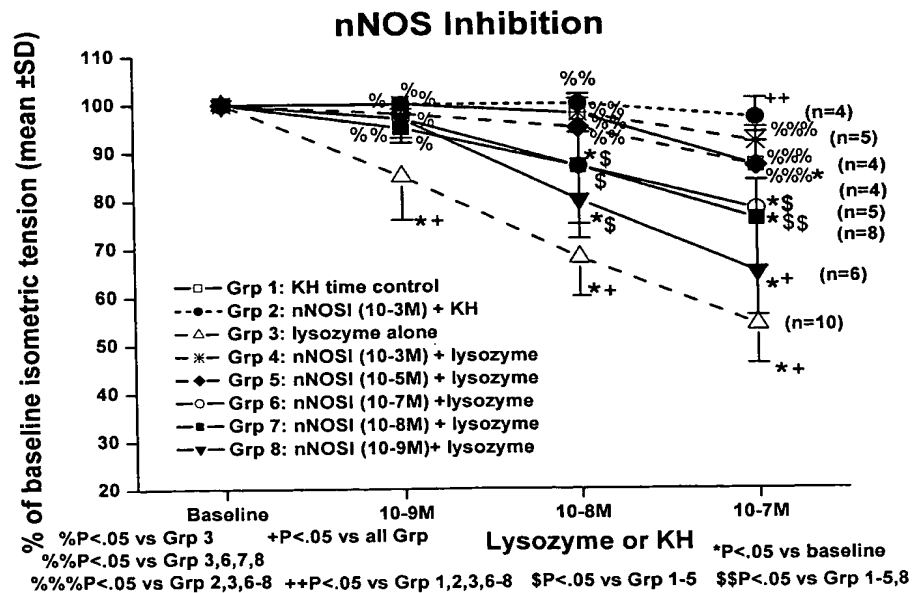
**Figure 26**



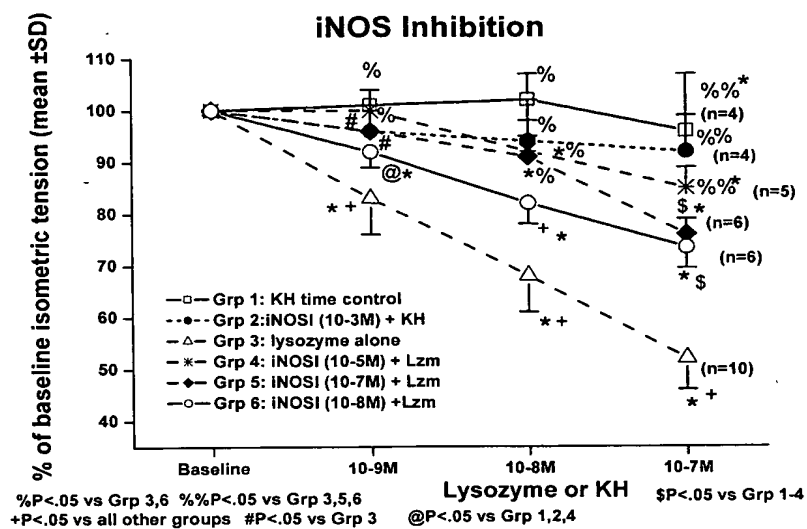
**Figure 27**



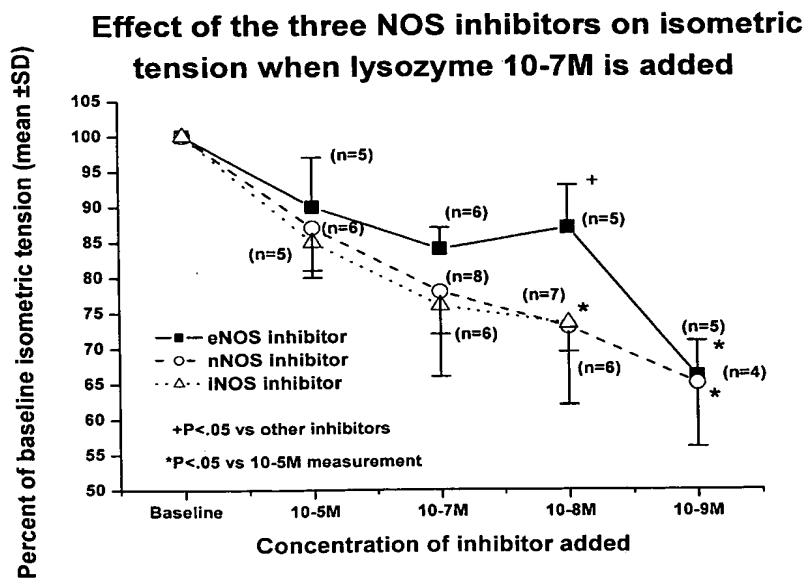
**Figure 28**



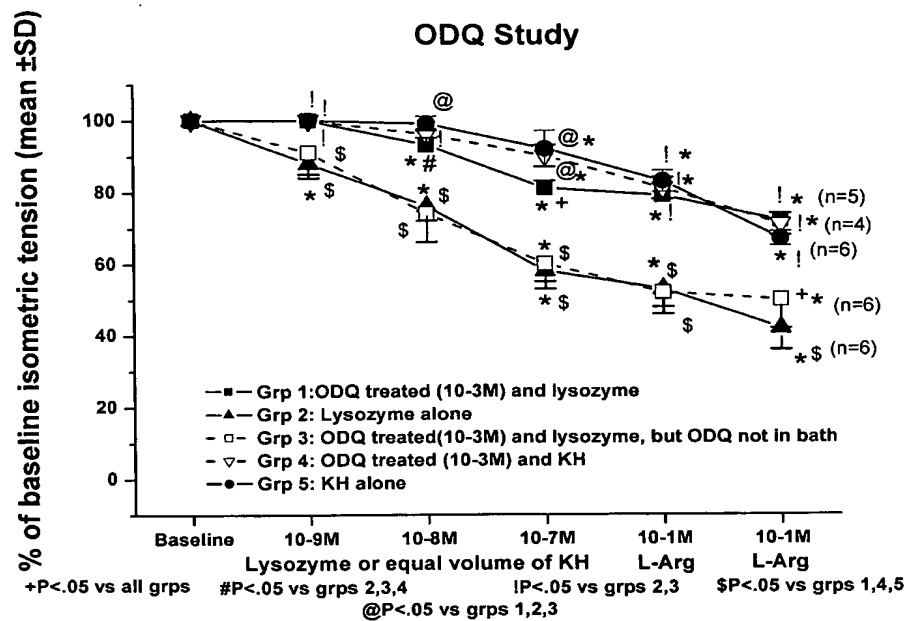
**Figure 29**



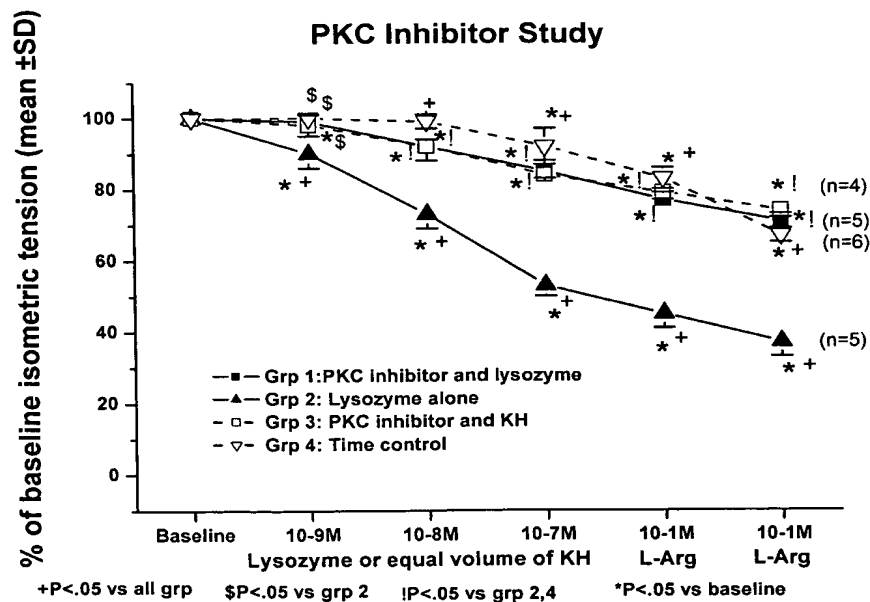
**Figure 30**



**Figure 31**



**Figure 32**



**Figure 33**

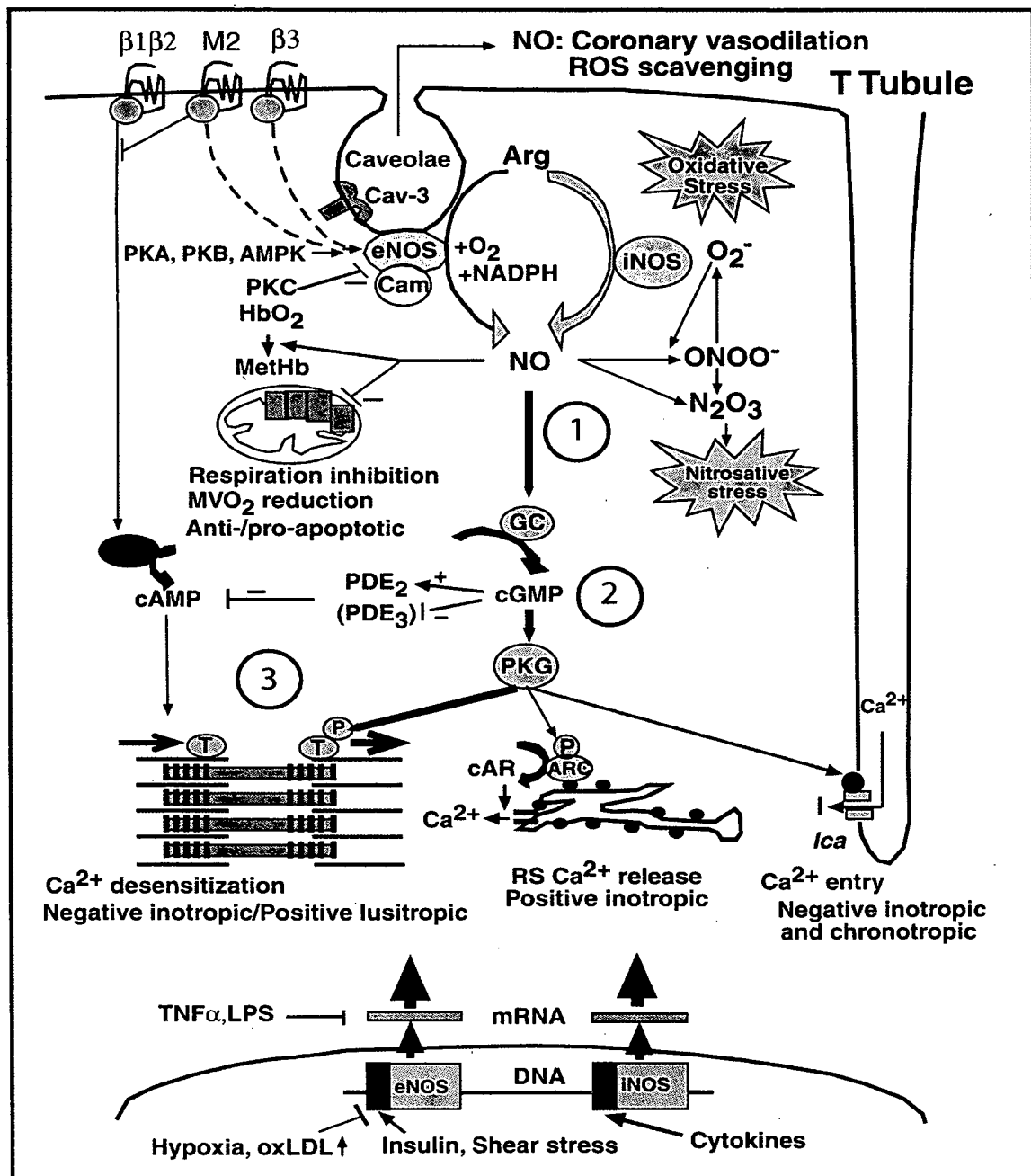


Figure 34